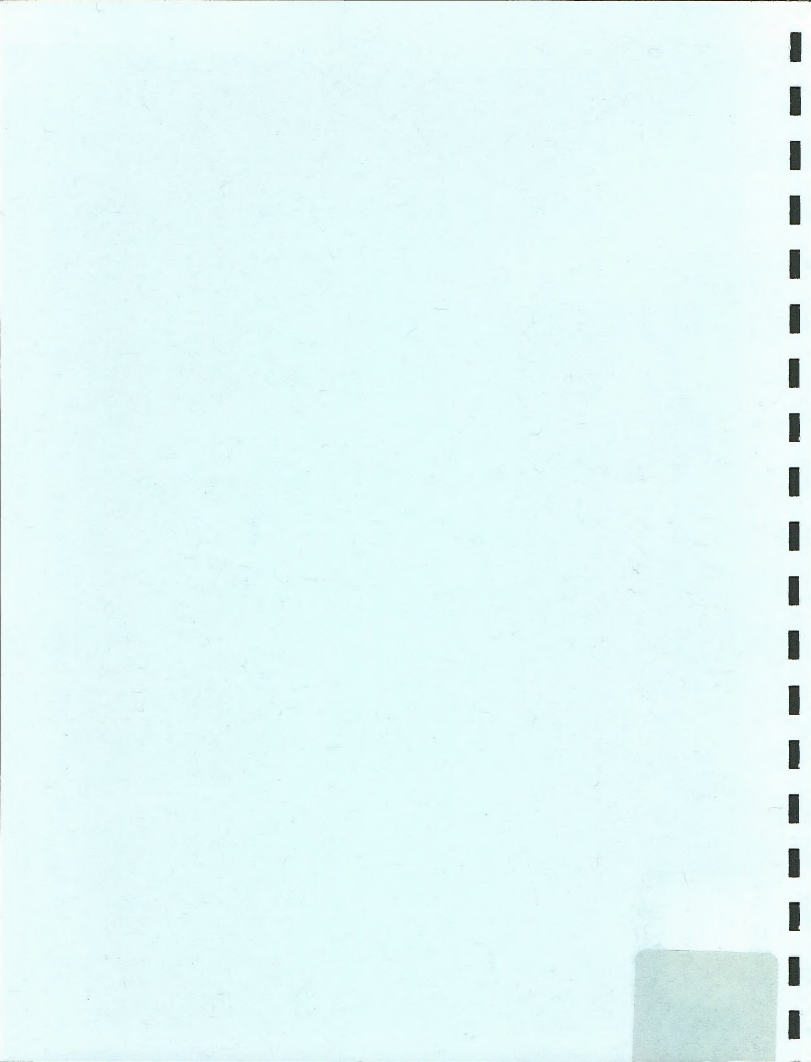


VOLUME III--DATA AND BIBLIOGRAPHY  
ARS/BLM COOPERATIVE STUDIES  
REYNOLDS CREEK WATERSHED



U.S. Department of Agriculture  
Agricultural Research Service  
Northwest Watershed Research Center  
Boise, Idaho

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# VOLUME III - DATA AND BIBLIOGRAPHY

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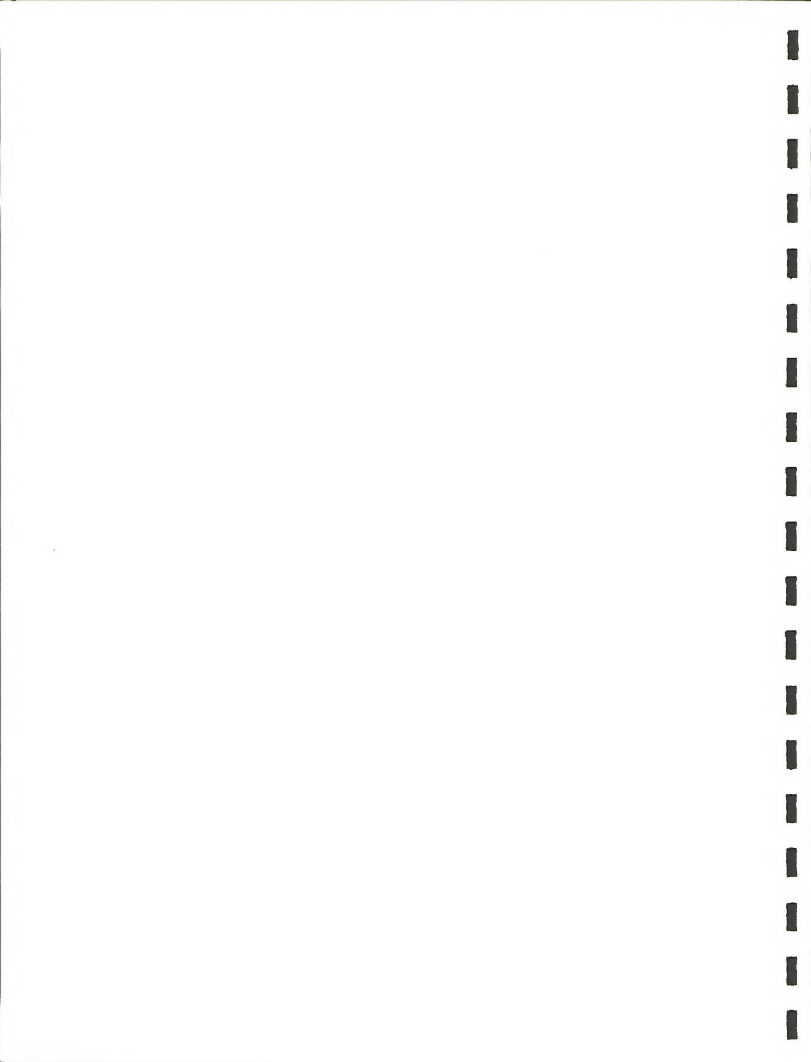


## INTRODUCTION

This Volume consists of summaries of data used to support the research reported in the previous two volumes. It is presented in sections which correspond by subject matter to the chapters of Volume II. An additional section presents an inventory of the detailed resource data collected as a result of BLM-ARS studies. These tabulations generally include site locations, time period of data availability, and format of the stored data. Each major data section is introduced by a map locating the collection sites for the data being summarized. Inquiries on the data reported herein should be directed to the Northwest Watershed Research Center, USDA-ARS, in Boise, Idaho. The final section of the Volume consists of a bibliography of publications related to the research reported in Volume II.

The Volume sections are as follows:

- A. Precipitation
- B. Streamflow and Runoff
- C. Erosion and Sediment
- D. Water Quality
- E. Vegetation and Soils
- F. Soil Water
- G. Hydrologic Data Inventory
- H. Bibliography



**Section A**

**PRECIPITATION**



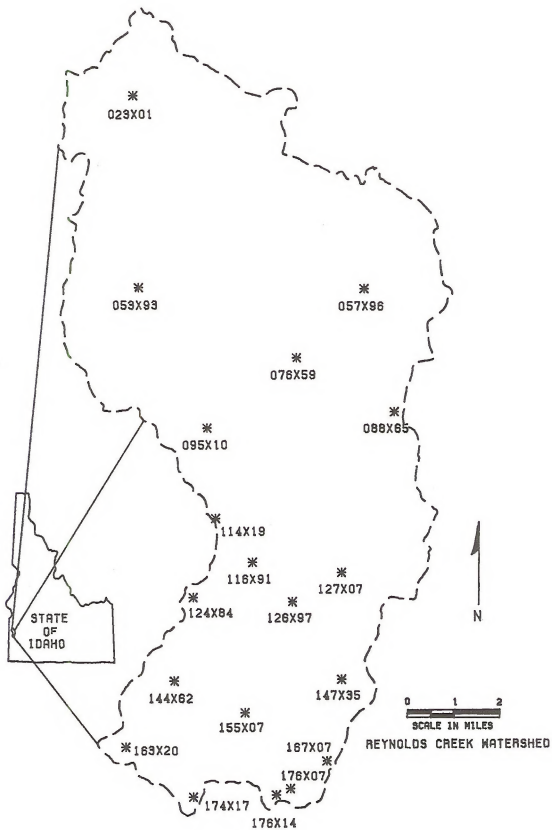


Figure A.1.--Precipitation sites.

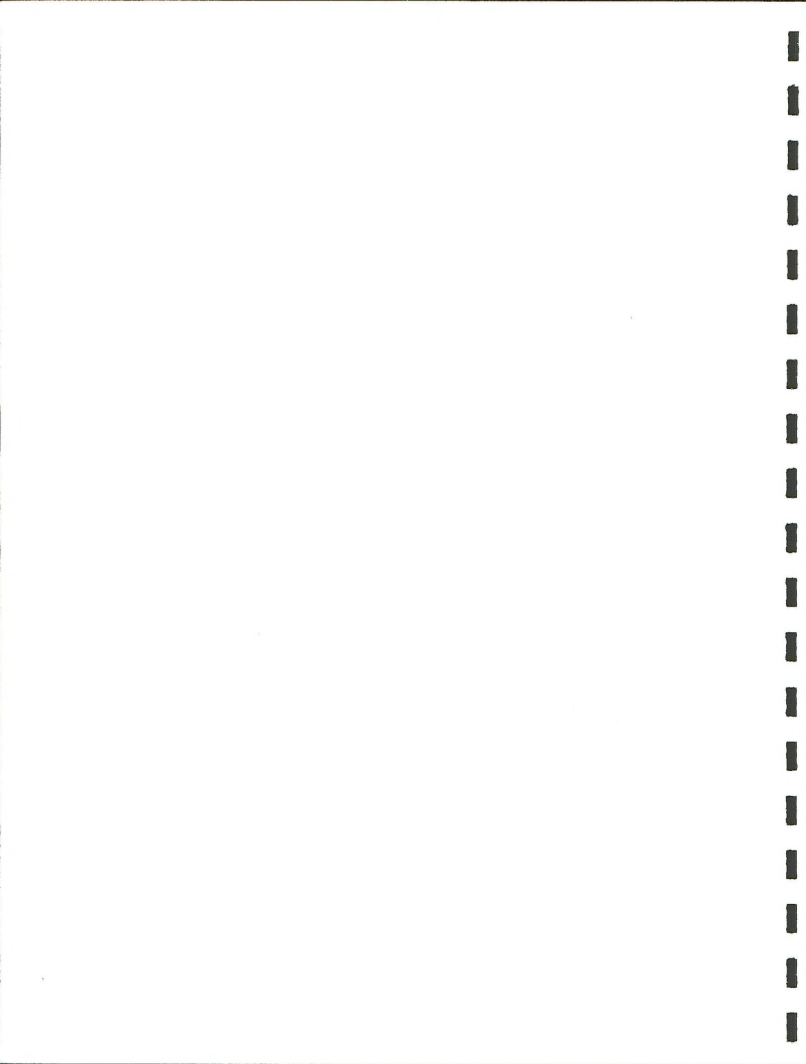




Table A.1.--Monthly precipitation in inches at Reynolds, Idaho Site 023X01.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.93	2.04	1.29	2.37	3.36	0.33	0.13	0.00	0.86	3.86	1.92	1.33	19.41
1963	2.92	2.95	0.72	3.13	1.99	2.67	0.00	0.58	0.56	1.61	3.97	1.55	22.66
1964	2.68	0.52	1.61	2.42	1.24	2.98	0.06	1.02	0.24	0.48	3.90	7.72	24.86
1965	6.14	0.41	0.11	2.31	5.84	1.86	0.33	3.82	0.60	0.46	1.97	1.09	24.93
1966	1.06	1.49	1.51	1.40	0.43	0.47	0.00	0.06	0.33	0.86	3.96	2.56	14.13
1967	4.07	1.37	0.93	3.27	1.65	3.19	0.00	0.00	0.91	1.47	1.81	1.04	19.71
1968	0.75	2.19	0.70	1.11	1.93	0.44	0.01	2.93	0.36	0.81	2.40	1.96	15.60
1969	6.16	1.25	0.66	1.76	0.46	3.25	0.14	0.00	0.52	2.54	0.37	2.45	19.55
1970	6.28	0.98	3.29	3.19	2.43	1.78	0.37	0.05	1.32	2.29	3.92	2.04	27.92
1971	2.61	1.15	3.22	1.68	0.75	2.83	0.22	0.49	2.91	1.58	3.84	2.69	24.16
1972	3.50	1.80	3.40	1.64	0.46	2.91	0.04	0.11	1.06	1.08	2.35	2.86	21.21
1973	1.30	0.90	1.50	3.28	0.53	0.89	0.38	0.12	2.19	1.11	3.80	3.06	19.07
1974	1.78	1.32	3.34	0.33	0.75	0.75	0.44	0.19	0.00	1.69	0.99	2.43	14.01
1975	1.46	2.03	3.00	3.60	1.97	2.12	0.52	0.69	0.02	4.96	1.22	2.25	23.83
1976	1.59	2.68	1.31	1.43	0.69	2.28	1.51	1.11	1.76	0.56	0.33	0.38	15.63
1977	1.29	1.05	2.04	0.34	3.06	0.94	0.68	0.77	1.54	0.36	3.09	3.39	18.55
1978	2.44	3.77	1.48	4.48	1.11	1.34	0.39	0.85	0.77	0.03	1.54	1.27	19.47
1979	3.15	1.98	1.20	2.13	2.29	0.69	0.06	2.99	0.31	1.71	1.65	1.57	19.75
1980	2.99	1.80	2.60	0.79	4.16	2.17	0.30	0.05	3.02	0.80	1.37	3.02	23.02
1981	1.74	1.65	2.68	2.89	1.79	1.75	0.18	0.08	0.42	1.55	4.74	6.54	26.02
1982	2.47	2.54	3.01	2.26	1.49	1.52	0.77	0.38	1.85	3.03	1.53	3.95	24.80
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	58.49	35.85	39.59	45.79	38.38	37.17	6.52	16.29	21.54	32.83	50.67	55.15	438.28
MIN	0.75	0.41	0.11	0.33	0.43	0.33	0.00	0.00	0.00	0.03	0.33	0.38	14.01
MAX	6.28	3.77	3.40	4.48	5.84	3.25	1.51	3.82	3.02	4.96	4.74	7.72	27.92
MEAN	2.79	1.71	1.89	2.18	1.83	1.77	0.31	0.78	1.03	1.56	2.41	2.63	20.87
S.D.	1.66	0.82	1.04	1.10	1.38	0.97	0.36	1.10	0.89	1.22	1.33	1.74	3.98

Table A.2.--Monthly precipitation in inches at Reynolds, Idaho Site 053X93.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1968	0.62	2.49	0.64	1.17	1.91	0.24	0.00	2.94	0.24	0.91	2.38	1.36	15.11
1969	6.92	0.03	0.54	1.61	0.61	3.76	0.14	0.00	0.67	1.60	0.27	2.18	19.32
1970	5.45	0.78	2.44	2.16	1.50	1.52	0.32	0.07	1.10	1.54	3.92	1.99	22.79
1971	3.88	1.22	3.36	1.38	1.00	2.58	0.44	0.47	1.99	1.80	3.23	4.04	25.37
1972	2.88	1.34	2.83	1.57	0.48	2.82	0.16	0.23	2.07	1.30	2.02	3.26	20.96
1973	1.32	0.44	0.86	3.00	0.41	0.59	0.31	0.09	2.36	0.98	3.61	3.67	17.64
1974	1.40	0.45	3.28	0.48	0.28	0.69	0.45	0.21	0.00	2.21	1.35	2.53	13.34
1975	2.28	3.01	3.17	2.74	0.56	1.74	2.01	0.68	0.39	4.57	1.08	2.07	24.30
1976	1.53	2.62	1.09	1.47	0.61	1.60	0.85	1.81	1.64	0.97	0.44	0.21	14.84
1977	0.94	1.45	1.99	0.34	3.63	1.35	0.68	1.07	1.61	0.50	3.36	3.53	20.45
1978	2.21	3.18	2.74	4.29	1.42	1.59	0.45	0.63	0.71	0.04	1.77	1.02	20.05
1979	2.70	1.60	1.03	2.19	1.64	0.55	0.11	3.53	0.28	2.04	1.29	1.32	18.27
1980	2.50	1.76	2.20	0.43	3.98	1.88	0.36	0.09	2.94	0.66	1.45	2.59	20.83
1981	1.05	1.46	2.05	2.41	1.90	1.55	0.17	0.03	0.38	1.47	3.59	4.79	20.85
1982	0.89	2.28	2.43	1.50	0.71	1.57	1.16	0.28	2.09	3.00	1.71	3.63	21.26
STATISTICS FOR 15 YEARS OF DATA													
TOTAL	36.76	25.09	30.66	26.75	20.64	24.02	7.61	12.14	18.47	23.59	31.48	38.17	295.37
MIN	0.82	0.44	0.54	0.34	0.28	0.24	0.00	0.00	0.00	0.04	0.27	0.21	13.34
MAX	6.92	3.18	3.36	4.29	3.98	3.76	2.01	3.53	2.94	4.57	3.92	4.79	25.37
MEAN	2.45	1.67	2.04	1.78	1.38	1.60	0.51	0.81	1.23	1.57	2.10	2.54	19.69
S.D.	1.77	0.87	0.98	1.06	1.13	0.93	0.52	1.10	0.92	1.11	1.19	1.27	3.40

Table A.3.--Monthly precipitation in inches at Reynolds, Idaho Site 057X96.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	0.68	0.82	0.40	0.94	1.92	0.37	0.15	0.06	0.30	1.57	0.20	0.39	7.80
1963	1.21	1.55	0.31	0.93	0.90	1.73	0.00	0.74	0.30	0.66	1.31	0.44	10.06
1964	1.22	0.09	0.33	0.66	0.51	1.83	0.00	0.49	0.23	1.05	3.69	10.20	10.92
1965	2.35	0.11	0.00	1.09	1.31	1.24	0.21	2.61	0.45	0.16	0.83	0.56	10.92
1966	0.12	0.32	0.25	0.21	0.43	0.43	0.00	0.08	0.34	0.30	1.32	0.86	4.66
1967	0.97	0.60	0.50	1.34	1.37	2.12	0.00	0.00	0.20	0.71	1.14	0.52	9.27
1968	0.34	0.64	0.25	0.23	0.66	0.43	0.00	4.07	0.00	0.50	1.25	0.87	9.23
1969	3.32	0.52	0.17	0.54	0.53	2.75	0.18	0.00	0.30	0.81	0.16	0.75	10.02
1970	1.88	0.36	0.89	0.80	0.62	0.85	0.35	0.14	0.56	0.59	1.85	0.67	9.54
1971	1.27	0.37	1.94	0.32	1.03	2.24	0.09	0.73	1.31	1.08	1.23	1.43	13.04
1972	1.43	0.53	0.80	0.41	0.07	2.12	0.03	0.38	0.96	0.76	1.05	1.51	10.06
1973	0.54	0.16	0.56	2.90	0.13	0.50	0.20	0.16	0.54	0.34	1.16	1.23	8.43
1974	0.61	0.24	2.13	0.14	0.12	0.25	0.30	0.23	0.00	1.74	0.37	0.96	7.09
1975	0.43	0.86	1.13	1.56	0.16	1.02	0.92	0.60	0.03	2.35	0.62	0.59	10.27
1976	0.68	1.38	0.34	0.38	0.42	0.72	0.62	0.72	1.33	0.13	0.11	0.07	6.89
1977	0.44	0.65	0.51	0.04	2.04	2.41	0.36	0.35	0.47	0.14	1.57	1.25	10.22
1978	1.23	0.99	0.90	3.19	0.44	0.76	0.65	0.33	0.69	0.01	1.01	0.45	10.65
1979	1.29	0.66	0.58	0.74	0.66	0.36	0.12	1.90	0.15	0.69	0.53	0.37	8.04
1980	1.18	0.67	0.60	0.66	3.01	1.02	0.17	0.06	1.93	0.27	0.69	1.24	11.49
1981	0.46	0.53	1.06	1.99	0.93	0.75	0.03	0.04	0.03	0.68	1.59	2.58	10.66
1982	0.52	1.06	0.07	0.80	0.71	1.54	0.60	0.18	0.76	0.69	0.66	1.57	10.17

## STATISTICS FOR 21 YEARS OF DATA

TOTAL	22.19	13.09	14.55	19.87	17.97	25.44	4.98	13.86	10.73	14.40	19.68	21.99	198.74
MIN	0.12	0.09	0.00	0.04	0.07	0.25	0.00	0.00	0.00	0.11	0.07	0.46	4.66
MAX	3.32	1.55	2.13	3.19	3.01	2.75	0.92	4.07	1.93	2.35	1.85	3.69	13.04
MEAN	1.06	0.62	0.69	0.95	0.86	1.21	0.24	0.66	0.51	0.69	0.94	1.05	9.46
S.O.	0.75	0.39	0.55	0.85	0.73	0.78	0.26	1.01	0.51	0.59	0.49	0.83	1.82

Table A.4.--Monthly precipitation in inches at Reynolds, Idaho Site 076X59.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	0.42	0.84	0.48	1.41	1.35	0.59	0.38	0.09	0.29	2.15	0.58	0.77	9.35
1963	1.46	1.56	0.63	0.96	1.24	2.38	0.00	0.61	0.38	0.69	1.91	0.51	12.33
1964	1.38	0.33	1.03	0.55	0.75	2.23	0.03	0.51	0.11	0.24	1.40	5.25	13.81
1965	4.00	0.27	0.09	0.93	1.07	1.13	0.46	2.26	0.41	0.19	0.81	0.00	11.64
1966	0.34	0.31	0.72	0.53	0.40	1.01	0.02	0.00	0.00	0.00	0.00	0.00	3.33
1967	1.98	0.74	0.23	1.45	1.53	3.05	0.00	0.00	0.55	1.35	0.37	0.00	11.25
1968	0.46	0.99	0.42	0.33	0.64	0.47	0.00	3.97	0.00	0.55	1.43	1.08	10.34
1969	4.18	0.45	0.33	0.53	0.37	2.02	0.26	0.00	0.13	1.04	0.17	0.94	10.42
1970	3.02	0.51	1.34	0.86	0.51	0.98	0.52	0.06	0.47	0.77	2.36	0.95	12.33
1971	1.64	0.38	2.34	0.48	1.25	2.18	0.20	0.81	1.59	1.17	1.30	1.35	14.69
1972	1.91	1.02	1.14	0.41	0.10	1.85	0.00	0.33	0.61	0.83	1.09	1.84	11.13
1973	0.60	0.23	0.59	3.15	0.11	0.85	0.30	0.48	1.02	0.39	1.64	1.59	10.93
1974	1.11	0.45	2.56	0.27	0.15	0.29	0.23	0.16	0.00	1.57	0.63	1.20	8.63
1975	0.64	1.71	1.42	0.70	0.18	1.63	1.04	0.64	0.08	2.86	0.63	0.75	13.27
1976	0.95	1.69	0.62	0.48	0.39	0.70	0.58	0.85	1.27	0.28	0.15	0.07	8.03
1977	0.47	0.73	0.57	0.12	1.72	1.66	0.47	0.51	0.57	0.21	1.90	1.89	10.81
1978	0.74	1.16	0.94	2.78	0.50	0.84	0.76	0.48	0.65	0.01	1.06	0.41	10.33
1979	1.47	0.75	0.59	0.88	0.67	0.32	0.09	2.35	0.06	1.02	0.59	0.41	9.20
1980	1.71	0.81	0.80	0.88	3.67	0.92	0.22	0.06	2.55	0.35	0.88	1.53	14.38
1981	0.28	0.89	1.09	1.72	1.02	0.93	0.02	0.07	0.09	1.00	1.80	2.76	11.67
1982	0.83	1.45	1.09	1.12	0.61	1.77	0.61	0.41	0.66	1.16	0.96	1.73	12.41

## STATISTICS FOR 21 YEARS OF DATA

TOTAL	29.59	17.27	19.02	21.54	18.23	27.79	6.19	14.64	11.48	17.83	21.65	25.05	230.28
MIN	0.28	0.23	0.09	0.12	0.10	0.29	0.00	0.00	0.00	0.00	0.00	0.00	3.33
MAX	4.18	1.71	2.56	3.15	3.67	3.05	1.04	3.97	2.55	2.86	2.36	5.25	14.69
MEAN	1.41	0.82	0.91	1.03	0.87	1.32	0.29	0.70	0.55	0.85	1.03	1.19	10.97
S.O.	1.12	0.47	0.62	0.79	0.80	0.76	0.29	0.99	0.63	0.72	0.65	1.19	2.50

Table A.5.--Monthly precipitation in inches at Reynolds, Idaho Site 088X65.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	0.70	1.00	0.24	1.00	1.61	0.14	0.25	0.05	0.18	1.43	0.29	0.52	7.41
1963	1.30	1.06	0.46	0.68	1.20	2.08	0.00	0.40	0.37	0.57	1.02	0.34	9.48
1964	1.01	0.15	0.75	0.65	0.64	2.75	0.00	0.51	0.05	0.33	1.16	0.47	12.73
1965	2.56	0.19	0.00	0.97	1.39	1.29	0.44	2.32	0.37	0.09	0.74	0.74	11.10
1966	0.21	0.35	0.30	0.18	0.34	0.99	0.00	0.02	0.33	0.32	1.29	1.10	5.44
1967	1.38	0.71	0.44	1.37	1.49	2.43	0.00	0.00	0.22	0.60	1.41	0.64	10.69
1968	0.33	0.61	0.15	0.26	0.53	0.20	0.20	3.66	0.00	0.49	1.29	1.18	8.89
1969	3.65	0.44	0.38	0.58	0.54	2.33	0.22	0.00	0.46	1.03	0.17	0.91	10.71
1970	2.10	0.38	1.15	1.20	0.68	1.07	0.62	0.15	0.52	0.71	1.64	0.49	10.70
1971	1.30	0.50	2.13	0.78	1.35	2.20	0.31	0.50	1.76	0.93	1.08	1.09	13.94
1972	1.50	0.76	0.88	0.34	0.12	2.27	0.00	0.32	1.02	1.01	1.08	1.53	10.83
1973	0.62	0.50	0.63	3.91	0.13	0.57	0.25	0.05	0.87	0.34	1.47	1.08	10.44
1974	0.75	0.25	2.51	0.19	0.16	0.20	0.31	0.08	0.00	1.80	0.43	0.85	7.53
1975	0.42	1.18	1.26	1.87	0.34	1.32	0.45	0.70	0.06	2.79	0.36	0.49	11.25
1976	0.68	1.58	0.66	0.63	0.63	0.88	0.82	0.98	1.42	0.19	0.16	0.09	8.70
1977	0.56	0.62	0.43	0.21	1.94	1.37	0.52	0.35	0.63	0.11	1.86	1.70	10.31
1978	1.00	1.39	0.93	3.41	0.36	1.05	1.22	0.47	0.67	0.02	1.17	0.35	12.05
1979	1.06	0.60	0.83	0.71	0.67	0.67	0.11	1.86	0.15	0.68	0.67	0.50	8.51
1980	1.48	0.66	0.73	0.74	3.04	0.91	0.24	0.05	2.28	0.32	0.57	1.12	12.14
1981	0.36	0.60	0.94	2.02	1.00	0.83	0.03	0.08	0.12	0.93	1.67	2.50	11.07
1982	0.88	1.09	1.16	1.11	0.69	2.54	0.51	0.21	0.85	0.63	0.83	1.56	12.07

## STATISTICS FOR 21 YEARS OF DATA

TOTAL	23.85	14.62	16.97	22.81	18.85	28.08	6.50	12.77	12.33	15.33	20.38	23.51	215.98
MIN	0.21	0.15	0.00	0.18	0.12	0.14	0.00	0.00	0.00	0.02	0.16	0.09	5.44
MAX	3.65	1.58	2.51	3.91	3.04	2.75	1.22	3.66	2.28	2.79	1.86	4.73	13.94
MEAN	1.14	0.70	0.81	1.09	0.90	1.34	0.31	0.61	0.59	0.73	0.97	1.12	10.28
S.O.	0.82	0.39	0.61	1.00	0.72	0.83	0.31	0.93	0.61	0.65	0.51	1.00	2.00

Table A.6.--Monthly precipitation in inches at Reynolds, Idaho Site 095X10.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.29	1.67	0.79	1.98	2.71	0.44	0.26	0.16	0.44	3.53	1.14	1.18	15.58
1963	2.10	2.24	1.22	2.60	1.53	3.41	0.00	0.79	0.52	0.93	3.59	0.80	19.73
1964	1.68	0.24	1.27	0.75	1.09	2.39	0.05	0.65	0.12	0.35	2.73	6.94	18.27
1965	5.33	0.36	0.11	1.01	1.35	1.41	0.52	2.45	0.08	0.32	1.25	0.78	14.97
1966	0.89	0.48	1.14	1.36	0.46	0.41	0.00	0.03	0.00	0.78	3.88	2.75	12.69
1967	5.00	0.88	0.70	1.90	1.69	2.49	0.12	0.00	0.90	1.75	2.13	1.21	18.77
1968	0.85	2.04	0.90	0.60	0.83	0.20	0.03	4.34	0.20	1.06	2.29	2.00	15.34
1969	7.47	1.03	0.46	1.37	0.54	2.45	0.28	0.00	0.09	1.53	0.31	2.62	18.15
1970	6.90	0.91	2.28	2.00	1.31	1.28	0.34	0.12	0.99	1.73	3.64	2.20	23.70
1971	3.11	1.33	4.42	1.26	1.06	3.33	0.67	0.89	1.65	1.55	3.26	3.33	25.86
1972	4.07	2.33	3.26	1.81	0.63	2.36	0.05	0.48	1.12	1.04	1.47	3.33	21.95
1973	1.20	0.66	0.97	3.50	0.41	0.95	1.79	0.20	2.22	1.03	3.31	3.48	19.71
1974	2.20	0.74	3.86	0.56	0.38	0.63	0.37	0.11	0.00	2.01	1.49	2.48	14.84
1975	1.96	3.38	3.93	3.01	0.68	2.85	1.45	0.85	0.06	5.41	1.56	1.73	26.88
1976	2.33	3.13	1.22	1.09	1.02	1.34	0.56	1.21	1.92	0.45	0.11	0.09	14.45
1977	0.66	1.20	1.52	0.26	2.74	1.59	0.69	0.98	1.28	0.45	2.84	3.45	17.67
1978	1.71	2.39	1.53	4.01	0.74	1.42	0.39	0.87	0.58	0.03	2.40	0.77	16.83
1979	2.38	1.94	1.16	1.70	1.11	0.64	0.10	2.83	0.04	1.96	1.63	0.94	16.43
1980	3.04	1.70	2.19	0.68	3.94	1.53	0.55	0.13	2.28	0.63	1.15	2.47	20.29
1981	0.71	1.55	1.74	2.01	1.68	1.46	0.07	0.04	0.41	1.69	3.62	4.91	19.91
1982	2.28	2.96	2.55	2.08	0.47	2.16	1.15	0.43	1.26	2.45	2.30	3.28	23.36

## STATISTICS FOR 21 YEARS OF DATA

TOTAL	57.13	33.16	37.21	35.54	26.37	34.78	9.44	17.55	16.66	30.68	46.10	50.74	395.36
MIN	0.66	0.24	0.11	0.26	0.38	0.20	0.00	0.00	0.00	0.03	0.11	0.09	12.69
MAX	7.47	3.38	4.42	4.01	3.94	3.41	1.79	4.34	2.28	5.41	3.88	6.94	26.88
MEAN	2.72	1.58	1.77	1.69	1.26	1.66	0.45	0.84	0.79	1.46	2.20	2.42	18.83
S.O.	1.97	0.92	1.21	0.98	0.91	0.95	0.49	1.11	0.74	1.23	1.11	1.59	3.84

Table A.7.--Monthly precipitation in inches at Reynolds, Idaho Site 114X19.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.49	2.37	1.49	2.41	2.23	0.68	0.23	0.07	0.88	5.22	2.05	1.71	20.83
1963	2.37	3.57	1.10	3.61	2.13	4.85	0.06	0.59	0.51	1.21	4.48	1.05	25.53
1964	2.30	0.40	1.37	1.30	0.92	3.55	0.22	0.99	0.42	0.86	3.55	8.55	24.45
1965	5.41	0.72	0.25	2.47	3.27	3.09	1.15	1.36	0.42	0.77	1.62	1.09	21.61
1966	1.38	1.14	1.23	0.95	0.83	0.42	0.00	0.02	0.36	0.80	2.81	2.26	12.20
1967	3.70	1.25	0.87	2.64	2.07	2.17	0.31	0.00	0.60	1.71	2.30	1.24	18.85
1968	1.84	2.75	1.78	0.99	0.81	0.61	0.10	4.00	0.25	1.07	3.64	3.61	21.45
1969	8.83	1.86	0.65	2.49	0.43	2.71	0.28	0.00	0.19	1.90	0.42	3.21	22.97
1970	6.67	1.00	2.62	3.56	0.96	1.85	1.14	0.23	0.77	2.39	4.41	4.42	30.04
1971	8.36	2.32	5.07	2.11	1.04	3.15	1.41	0.38	2.76	2.31	2.39	4.50	35.79
1972	5.43	4.82	4.20	1.90	0.95	2.72	0.02	0.48	1.32	1.33	1.74	4.73	29.64
1973	1.36	1.17	1.52	3.08	0.54	0.70	0.56	0.09	1.96	0.85	5.96	5.50	23.29
1974	3.63	1.89	6.12	1.31	0.46	0.84	0.46	0.16	0.00	2.65	1.66	3.07	22.27
1975	3.82	6.13	5.49	4.48	1.46	2.67	0.66	1.43	0.08	5.59	2.91	2.38	37.09
1976	5.46	5.19	2.03	1.68	0.86	1.48	0.90	1.40	1.86	1.20	0.20	0.31	22.56
1977	1.06	2.00	2.59	0.39	3.41	1.86	0.87	1.47	1.22	0.51	3.43	4.41	23.20
1978	2.45	3.87	1.68	4.97	0.81	1.15	0.40	1.01	0.91	0.06	2.19	1.33	20.82
1979	2.59	3.27	1.24	1.95	2.19	0.86	0.13	2.81	0.03	2.72	4.25	2.08	22.30
1980	3.80	2.33	4.52	0.69	4.86	1.77	0.54	0.17	3.05	0.73	1.31	3.00	26.76
1981	1.47	2.39	4.30	3.36	2.34	1.97	0.19	0.15	0.26	2.41	4.31	8.03	31.19
1982	10.20	3.59	4.41	3.49	1.00	2.63	1.45	0.61	1.95	2.99	4.03	4.49	40.85

## STATISTICS FOR 21 YEARS OF DATA

TOTAL	83.61	54.03	54.56	49.84	33.55	41.73	11.07	17.41	19.80	39.29	57.84	70.96	533.69
MIN	1.06	0.40	0.25	0.39	0.33	0.42	0.00	0.00	0.00	0.06	0.20	0.31	12.20
MAX	10.20	6.13	6.12	4.97	4.86	4.85	1.45	4.00	3.05	5.59	5.96	8.55	40.85
MEAN	3.98	2.57	2.60	2.37	1.60	1.99	0.53	0.83	0.94	1.87	2.75	3.38	25.41
S.D.	2.69	1.53	1.78	1.24	1.15	1.15	0.46	1.02	0.90	1.43	1.43	2.18	6.67

Table A.8.--Monthly precipitation in inches at Reynolds, Idaho Site 116X91.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.65	2.12	1.20	2.34	1.96	0.54	0.18	0.15	0.55	3.40	1.43	1.94	17.45
1963	2.45	2.60	1.35	3.34	2.35	4.17	0.41	0.89	0.69	1.03	3.47	1.07	23.83
1964	2.53	0.40	1.55	1.13	0.69	2.39	0.14	0.64	0.32	0.35	3.98	8.62	22.75
1965	5.39	0.65	0.12	1.36	1.94	1.89	0.78	1.40	0.35	0.45	1.31	0.94	16.58
1966	1.11	1.02	1.41	0.90	0.78	0.73	0.00	0.02	0.36	0.89	2.62	2.73	12.59
1967	4.28	1.10	0.58	2.65	2.01	1.73	0.49	0.00	0.60	1.51	1.19	1.22	18.36
1968	1.20	2.08	1.01	0.64	0.70	0.56	0.07	2.96	0.20	0.97	2.39	2.12	14.90
1969	6.02	0.92	0.44	1.06	0.22	2.26	0.32	0.00	0.66	1.42	0.36	2.23	15.91
1970	5.99	0.83	2.30	2.44	1.23	1.26	0.65	0.19	0.80	1.88	3.77	1.99	23.31
1971	2.73	1.34	3.92	1.43	1.05	2.66	1.05	0.34	2.33	1.72	3.24	2.46	24.30
1972	4.17	2.53	2.54	1.29	0.60	1.96	0.00	0.69	0.90	1.35	0.95	3.69	20.68
1973	1.17	0.53	1.14	3.91	0.51	0.59	0.27	0.12	1.54	0.93	3.32	3.38	17.42
1974	2.19	0.84	4.14	0.79	0.60	0.49	0.42	0.09	0.00	2.28	1.37	1.88	15.08
1975	1.54	2.43	3.00	2.59	0.90	1.98	0.30	1.24	0.09	5.15	1.32	1.81	22.34
1976	1.63	2.58	1.55	1.14	0.78	1.26	0.75	0.88	1.52	0.76	0.09	0.18	13.14
1977	0.71	1.18	1.39	0.40	2.51	1.59	0.58	0.91	1.16	0.34	2.76	3.58	17.10
1978	1.56	3.08	1.22	3.49	0.87	1.11	0.33	0.66	0.67	0.06	2.32	1.12	16.49
1979	2.37	1.61	0.96	1.42	1.54	0.96	0.17	2.03	0.01	1.97	1.25	0.99	15.26
1980	3.26	1.41	1.91	0.86	3.16	1.14	0.42	0.12	2.85	0.71	1.07	2.37	19.27
1981	0.64	1.94	1.57	2.62	1.60	1.45	0.13	0.11	0.19	1.86	3.47	5.43	21.00
1982	1.88	3.46	2.58	2.33	0.69	2.14	0.86	0.97	1.53	2.26	4.55	3.23	24.48

## STATISTICS FOR 21 YEARS OF DATA

TOTAL	54.47	34.66	35.88	38.13	26.68	32.89	8.32	14.41	17.32	31.29	45.23	52.97	392.25
MIN	0.64	0.40	0.12	0.40	0.22	0.49	0.00	0.00	0.00	0.06	0.09	0.18	12.59
MAX	6.02	3.46	4.14	3.91	3.16	4.17	1.05	2.96	2.85	5.15	3.98	8.62	24.48
MEAN	2.59	1.65	1.71	1.82	1.27	1.57	0.40	0.69	0.82	1.49	2.15	2.52	18.68
S.D.	1.66	0.89	1.05	1.02	0.79	0.89	0.29	0.75	0.76	1.16	1.15	1.83	3.76

Table A.9.--Monthly precipitation in inches at Reynolds, Idaho Site 124X84.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	0.78	1.70	0.83	1.39	1.97	0.46	0.23	0.26	0.65	4.20	1.56	1.55	15.58
1963	2.13	3.14	1.22	3.27	2.10	3.83	0.23	0.73	0.91	1.41	4.14	1.14	24.24
1964	2.10	0.31	1.06	0.80	0.90	3.22	0.15	1.02	0.60	0.55	5.03	6.92	22.65
1965	4.61	0.59	0.19	2.21	2.47	2.41	0.98	1.26	0.21	0.67	1.41	0.92	17.92
1966	0.96	0.88	0.72	0.63	0.71	0.52	0.00	0.03	0.32	0.55	2.35	1.66	9.34
1967	3.04	0.87	0.59	2.20	1.90	2.11	0.25	0.00	0.84	1.93	2.08	0.86	16.66
1968	1.71	3.97	1.03	0.70	0.96	0.55	0.26	3.35	0.19	1.10	3.24	2.66	19.72
1969	6.78	1.66	0.81	1.29	0.43	2.69	0.48	0.00	0.50	1.68	0.43	2.54	19.27
1970	6.14	0.70	2.23	2.75	1.83	1.78	1.60	0.16	0.90	2.13	5.15	1.31	26.69
1971	2.78	1.95	4.57	1.44	1.00	3.48	1.74	0.59	1.94	1.38	3.31	2.13	26.31
1972	2.28	2.29	2.25	0.91	0.88	2.74	0.00	0.67	1.58	1.53	1.86	4.04	21.03
1973	1.93	0.28	1.14	2.78	0.83	0.49	0.62	0.20	2.15	1.17	4.54	3.05	19.19
1974	1.38	0.77	4.23	0.80	0.38	0.84	0.74	0.15	0.00	2.29	1.35	2.54	15.48
1975	1.88	2.94	3.04	2.61	1.08	1.81	0.91	1.57	0.20	4.40	1.75	2.03	24.22
1976	2.57	2.51	0.89	1.35	0.68	1.62	0.80	1.34	1.61	0.81	0.22	0.31	14.71
1977	2.32	1.20	1.70	0.20	1.04	0.94	0.51	0.94	0.98	0.49	3.58	4.26	20.23
1978	1.97	3.09	1.74	3.94	1.04	2.12	1.08	0.97	1.35	1.26	0.49	2.52	19.63
1979	2.64	2.60	1.34	1.60	1.33	0.77	0.05	2.70	0.05	2.91	1.76	1.29	19.04
1980	3.23	2.25	2.56	0.61	3.31	1.50	0.51	0.22	3.23	0.82	1.29	3.45	22.97
1981	0.86	2.35	2.04	3.11	2.19	1.68	0.23	0.14	0.35	2.53	5.35	6.61	27.45
1982	2.60	3.89	3.43	2.87	0.92	2.79	1.50	0.58	2.75	2.90	3.32	3.42	30.97

## STATISTICS FOR 21 YEARS OF DATA

TOTAL	53.69	39.92	37.62	37.46	29.73	37.29	12.76	17.26	21.21	35.50	56.23	54.63	433.29
MIN	0.78	0.28	0.19	0.20	0.38	0.46	0.00	0.00	0.00	0.04	0.22	0.31	9.34
MAX	6.78	3.97	4.57	3.94	3.31	3.83	1.74	3.35	3.23	4.40	5.35	6.92	30.97
MEAN	2.56	1.90	1.79	1.78	1.42	1.78	0.61	0.82	1.01	1.69	2.68	2.60	20.63
S.D.	1.57	1.14	1.20	1.06	0.82	1.05	0.52	0.89	0.90	1.18	1.53	1.74	5.02

Table A.10.--Monthly precipitation in inches at Reynolds, Idaho Site 126X97.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.46	2.02	1.09	2.34	1.96	0.54	0.23	0.15	0.31	2.43	1.24	1.50	15.27
1963	2.25	2.49	1.26	3.08	2.38	3.23	0.20	0.67	0.51	0.90	3.29	0.85	21.11
1964	2.90	0.26	1.61	0.90	0.77	1.95	0.09	0.68	0.34	0.31	3.58	7.21	20.59
1965	4.67	0.83	0.33	1.40	1.64	1.58	0.51	1.28	0.33	0.39	0.92	0.84	14.72
1966	1.09	1.27	1.26	0.83	0.77	0.57	0.00	0.09	0.28	0.65	2.45	2.45	11.70
1967	3.98	1.03	0.63	2.00	1.72	1.42	0.34	0.00	0.61	1.25	1.73	1.06	15.79
1968	1.04	0.65	0.42	0.48	0.93	0.88	0.07	3.59	0.12	0.87	2.63	1.57	13.25
1969	6.32	0.79	0.48	1.20	0.41	2.46	0.41	0.00	0.50	1.38	0.30	1.37	15.61
1970	6.37	1.00	1.81	1.80	1.24	1.68	0.50	0.26	0.85	1.93	4.64	2.16	24.26
1971	2.79	1.19	3.43	1.56	0.97	2.91	1.12	0.43	2.81	1.70	1.86	1.79	22.55
1972	2.09	1.71	1.72	0.56	0.45	1.71	0.00	1.17	0.95	1.72	0.96	3.16	16.20
1973	1.02	0.64	1.06	2.76	0.46	0.55	0.44	0.18	1.17	0.52	2.87	2.14	15.80
1974	1.57	0.41	3.82	0.35	0.33	0.44	0.63	0.19	0.00	2.19	1.00	1.65	12.58
1975	0.39	1.14	2.01	2.48	1.01	1.43	0.61	1.06	0.46	3.53	1.29	1.13	16.53
1976	1.04	2.15	1.14	1.13	0.68	1.22	0.89	0.89	1.60	0.67	0.06	0.21	11.67
1977	0.87	0.86	0.75	0.18	2.56	1.64	0.55	0.60	0.77	0.21	2.37	2.85	14.21
1978	1.75	3.01	1.09	3.66	0.72	0.74	0.86	0.54	0.84	0.02	1.82	0.57	15.61
1979	1.68	1.69	0.80	1.04	1.34	0.60	0.10	1.99	0.03	1.80	0.92	0.79	12.78
1980	2.35	1.25	1.88	1.06	2.70	0.99	0.47	0.11	2.51	0.53	0.80	2.14	16.78
1981	0.73	1.35	1.48	2.27	1.41	1.12	0.15	0.10	0.14	1.69	3.04	4.13	17.62
1982	1.14	2.72	2.12	1.86	0.87	2.13	0.82	0.53	1.49	1.68	2.79	2.66	20.81

## STATISTICS FOR 21 YEARS OF DATA

TOTAL	47.51	28.45	30.20	32.93	25.31	29.79	8.97	14.49	16.63	26.38	40.55	42.22	343.42
MIN	0.39	0.26	0.33	0.18	0.33	0.44	0.00	0.00	0.00	0.02	0.06	0.21	11.67
MAX	6.37	3.01	3.82	3.66	2.70	3.23	1.12	3.59	2.81	3.53	4.64	7.21	24.26
MEAN	2.26	1.35	1.44	1.57	1.21	1.42	0.43	0.69	0.79	1.26	1.93	2.01	16.36
S.O.	1.72	0.76	0.90	0.94	0.72	0.79	0.32	0.83	0.76	0.87	1.18	1.52	3.61



Table A.11.--Monthly precipitation in inches at Reynolds, Idaho Site 127X07.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	0.44	2.35	1.53	1.12	2.88	1.16	0.25	0.18	0.20	2.32	0.48	0.54	13.45
1963	1.97	1.35	0.78	1.40	2.79	3.63	0.15	0.85	0.73	0.70	2.41	0.31	17.07
1964	3.04	0.21	0.88	1.00	1.41	2.80	0.02	0.59	0.18	0.64	1.87	5.56	18.20
1965	3.48	0.19	0.00	1.04	2.33	1.46	0.76	3.21	0.35	0.03	1.61	0.90	15.35
1966	0.32	0.58	0.68	0.45	0.75	1.12	0.00	0.04	0.33	0.25	1.90	3.16	9.59
1967	3.21	0.69	1.30	2.52	2.25	2.77	0.08	0.00	0.60	1.38	1.97	1.80	18.56
1968	0.49	0.65	0.26	0.26	0.98	0.66	0.04	2.68	0.16	0.69	2.06	1.58	10.51
1969	4.57	0.70	0.45	0.81	0.76	1.87	0.38	0.00	0.31	1.04	0.23	1.28	12.40
1970	3.46	0.70	1.85	1.62	1.27	1.48	0.32	0.36	0.69	1.16	2.49	0.60	15.99
1971	1.80	0.83	2.89	1.28	0.83	2.36	0.59	0.38	2.53	1.37	1.55	2.21	18.61
1972	1.99	1.22	1.31	0.59	0.42	1.67	0.00	0.59	0.94	1.72	0.94	2.70	14.09
1973	0.61	0.29	0.81	2.59	0.32	0.57	0.28	0.31	0.92	0.45	2.31	1.62	11.28
1974	1.23	0.19	3.05	0.23	0.25	0.30	0.52	0.15	0.00	2.21	0.83	1.48	10.44
1975	0.52	1.51	2.15	2.17	0.71	1.59	0.60	0.87	0.32	3.05	0.80	0.87	15.16
1976	0.89	1.79	0.93	1.16	0.58	1.24	0.85	0.85	1.48	0.32	0.08	0.18	10.35
1977	0.50	0.63	0.53	0.10	2.50	1.85	0.39	0.60	0.62	0.23	1.59	2.02	11.56
1978	1.28	2.39	1.10	3.30	0.72	0.66	0.49	0.47	0.88	0.02	1.58	0.60	13.48
1979	1.20	1.19	1.90	0.77	1.12	0.44	0.18	1.90	0.06	1.40	0.71	0.51	10.37
1980	1.90	0.95	1.39	1.57	2.80	1.00	0.46	0.11	2.20	0.44	0.71	1.58	15.11
1981	0.55	0.95	1.14	1.96	1.37	0.98	0.12	0.12	0.12	1.36	2.29	3.40	14.35
1982	1.56	1.69	1.57	1.91	0.90	2.17	0.69	0.67	1.26	1.24	1.70	1.95	17.31

## STATISTICS FOR 21 YEARS OF DATA

TOTAL	35.22	21.05	25.51	27.84	27.91	31.78	7.17	14.92	14.87	22.03	30.09	34.82	293.21
MIN	0.32	0.19	0.00	0.10	0.25	0.30	0.00	0.00	0.00	0.02	0.08	0.18	9.59
MAX	4.57	2.39	3.05	3.30	2.88	3.63	0.85	3.21	2.53	3.05	2.49	5.56	18.61
MEAN	1.68	1.00	1.21	1.33	1.33	1.51	0.34	0.71	0.71	1.05	1.43	1.66	13.96
S.D.	1.22	0.65	0.78	0.85	0.88	0.87	0.26	0.86	0.68	0.81	0.74	1.27	2.97

Table A.12.--Monthly precipitation in inches at Reynolds, Idaho Site 144X62.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	3.62	3.86	3.25	2.65	3.79	0.16	0.28	0.00	0.64	4.79	2.67	2.75	28.46
1963	3.87	5.56	2.26	5.63	3.65	3.51	0.10	0.70	0.63	1.59	6.40	2.32	36.22
1964	6.80	1.07	4.26	2.57	1.96	3.05	0.00	1.55	0.98	0.90	7.83	11.59	42.56
1965	6.78	1.14	0.50	2.91	3.71	2.37	0.73	1.78	0.70	1.08	3.98	1.97	27.65
1966	4.16	3.73	3.50	2.14	1.40	1.18	0.00	0.05	0.58	1.49	6.41	5.25	29.89
1967	9.49	2.29	2.19	5.25	2.40	3.07	0.56	0.06	1.11	2.28	3.63	3.22	35.54
1968	2.85	5.80	1.83	2.13	2.03	1.05	0.21	6.20	0.63	1.84	6.63	5.28	36.48
1969	15.09	2.58	1.11	2.93	0.53	3.72	0.46	0.00	0.48	2.69	0.75	5.86	36.19
1970	14.64	1.67	4.12	4.20	2.37	2.85	0.91	0.46	1.16	4.50	10.80	5.18	52.86
1971	9.79	3.24	7.14	2.36	1.70	3.84	0.96	0.54	2.87	3.19	5.95	5.34	46.91
1972	5.95	6.32	5.03	3.27	1.96	2.98	0.04	0.70	1.97	1.87	2.60	5.62	38.30
1973	3.67	1.86	2.59	4.23	1.49	0.78	1.32	0.22	2.72	1.52	9.41	7.01	36.84
1974	4.80	2.55	6.97	1.26	0.78	1.10	1.35	0.40	0.00	2.96	2.52	5.96	32.46
1975	4.68	0.07	7.50	4.48	1.73	2.15	1.27	1.37	0.28	6.46	2.86	3.94	43.79
1976	5.50	5.36	3.35	2.78	0.80	2.10	0.96	1.67	1.46	1.69	0.47	0.36	26.50
1977	1.61	2.14	3.48	0.64	4.39	1.38	0.94	1.55	1.95	0.67	5.70	7.15	31.60
1978	3.32	4.24	5.29	5.69	0.99	1.24	0.75	1.06	1.23	0.16	3.00	3.39	27.66
1979	5.05	5.48	1.98	2.61	2.57	0.69	0.05	2.26	0.07	4.33	4.10	2.77	31.97
1980	6.50	4.24	4.98	1.31	5.63	2.24	1.15	0.22	3.52	1.21	1.90	7.38	36.68
1981	1.93	3.09	4.60	3.47	2.86	1.59	0.39	0.18	0.70	3.82	7.10	10.84	40.57
1982	6.12	5.36	6.33	3.90	1.10	3.10	2.27	0.95	3.27	4.67	5.70	7.43	50.20

## STATISTICS FOR 21 YEARS OF DATA

TOTAL	126.21	78.94	81.26	66.41	47.82	44.17	14.50	21.93	26.94	53.73	100.41	107.00	769.31
MIN	1.61	1.07	0.50	0.64	0.53	0.16	0.00	0.00	0.00	0.16	0.47	0.36	26.50
MAX	15.09	7.07	8.97	5.69	5.63	3.84	2.27	6.20	3.52	6.46	10.80	11.59	52.86
MEAN	6.01	3.76	3.87	3.16	2.28	2.10	0.69	1.04	1.28	2.56	4.78	5.10	36.63
S.D.	3.62	1.79	2.20	1.39	1.33	1.09	0.58	1.36	1.04	1.66	2.75	2.74	7.42

Table A.13.--Monthly precipitation in inches at Reynolds, Idaho Site 147X35.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	0.78	2.50	1.51	1.31	1.67	0.31	0.12	0.12	0.51	2.74	0.80	1.09	13.45
1963	3.18	2.06	1.62	2.57	2.66	4.86	0.15	1.01	0.68	0.91	2.66	0.63	22.99
1964	4.16	0.40	1.83	0.92	1.56	2.46	0.12	1.06	0.42	0.67	2.65	7.51	23.76
1965	3.56	0.64	0.27	1.39	3.30	1.81	0.55	1.90	0.46	0.17	1.23	1.06	16.34
1966	0.93	1.31	1.19	0.48	1.03	0.54	0.00	0.00	0.47	0.48	2.28	2.44	11.16
1967	3.13	1.05	1.11	2.32	2.37	3.54	0.30	0.04	0.68	1.03	2.08	1.18	18.83
1968	0.98	1.98	0.41	0.85	1.14	0.69	0.14	4.89	0.31	1.23	4.67	2.05	19.34
1969	6.53	1.55	0.56	0.97	0.81	3.14	0.21	0.02	0.17	1.04	0.41	1.90	17.31
1970	4.70	0.57	1.79	2.63	1.29	1.70	0.38	0.50	0.64	2.11	3.62	2.66	22.58
1971	3.04	0.70	2.97	1.23	1.21	2.78	1.14	0.49	3.91	1.90	2.58	2.20	24.17
1972	2.00	2.46	1.63	0.68	0.66	1.78	0.00	0.72	1.09	3.09	1.42	3.38	18.91
1973	1.59	0.47	0.58	2.42	1.04	0.56	0.38	0.34	0.96	0.67	4.46	2.61	16.09
1974	1.79	0.93	4.05	0.49	0.20	0.57	0.77	0.22	0.00	2.40	1.11	1.82	14.36
1975	1.80	2.96	3.21	2.93	0.67	1.42	0.78	1.07	0.20	3.57	2.25	1.29	22.13
1976	2.22	5.35	1.08	1.47	0.79	1.12	1.06	1.00	1.51	0.55	0.05	0.07	16.28
1977	0.87	1.29	1.10	0.27	3.40	1.42	0.65	0.77	0.79	0.23	2.65	3.92	17.36
1978	1.42	3.09	1.15	4.37	0.78	0.64	1.19	0.70	1.00	0.02	1.70	1.15	17.21
1979	1.71	2.45	1.19	1.43	1.99	0.53	0.20	2.67	0.02	3.34	1.55	1.97	18.07
1980	3.06	1.81	2.46	1.81	3.63	1.11	0.56	0.10	2.59	0.72	1.14	2.33	21.33
1981	1.11	1.64	2.23	2.72	2.01	1.13	0.21	0.19	0.22	0.70	3.60	5.27	22.39
1982	4.15	2.33	3.45	2.48	1.28	2.49	1.11	0.54	1.87	1.63	3.21	3.03	27.57
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	52.47	37.52	35.41	35.81	33.47	34.60	10.01	18.34	18.49	29.56	46.15	49.76	401.61
MIN	0.78	0.40	0.27	0.27	0.20	0.31	0.00	0.00	0.00	0.02	0.05	0.07	11.16
MAX	6.53	5.35	4.05	4.37	3.63	4.86	1.19	4.89	3.91	3.57	4.67	7.51	27.57
MEAN	2.50	1.79	1.69	1.71	1.59	1.65	0.48	0.87	0.88	1.41	2.20	2.37	19.12
S.O.	1.52	1.16	1.04	1.03	0.98	1.19	0.39	1.13	0.94	1.02	1.25	1.67	4.03

Table A.14.--Monthly precipitation in inches at Reynolds, Idaho Site 155X07.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.92	3.53	2.87	2.59	2.64	0.45	0.30	0.19	0.77	3.70	2.20	1.99	23.17
1963	3.47	3.65	2.24	4.66	3.00	4.34	0.13	0.97	0.71	1.25	5.74	1.47	31.64
1964	5.31	0.68	2.80	1.35	1.42	2.63	0.21	1.51	0.60	0.59	6.30	12.52	35.92
1965	7.59	1.34	0.68	2.85	2.05	0.58	1.56	0.71	0.56	1.78	1.10	23.23	35.92
1966	2.07	1.97	2.61	1.33	1.13	0.63	0.00	0.06	0.54	0.76	4.27	1.15	19.53
1967	6.97	1.86	1.14	3.09	1.65	2.53	0.77	0.00	0.90	1.86	2.71	1.77	25.26
1968	1.70	4.21	1.17	1.39	1.21	0.86	0.14	4.17	0.35	1.31	4.26	4.63	25.41
1969	10.59	1.99	0.92	1.59	0.39	2.79	0.39	0.00	0.39	2.06	0.52	4.37	26.01
1970	10.45	1.66	3.16	3.14	1.90	2.20	0.50	0.42	0.99	2.79	7.05	4.97	39.23
1971	5.68	2.49	6.20	2.02	2.00	4.05	1.10	0.80	3.29	2.25	5.78	5.38	41.05
1972	6.32	4.87	4.07	1.91	1.74	2.12	0.00	1.24	1.87	2.47	1.84	5.21	33.66
1973	2.82	1.10	1.62	4.07	1.67	0.59	1.29	0.54	2.06	1.57	6.56	4.93	28.82
1974	3.60	1.80	6.15	1.51	0.57	1.28	1.27	0.37	0.00	2.99	1.93	3.29	24.77
1975	2.96	4.92	5.86	2.99	1.19	1.81	1.84	1.32	0.15	7.17	2.16	2.78	35.15
1976	3.56	3.86	2.48	2.11	0.64	1.48	0.72	1.58	1.50	1.13	0.22	0.23	19.50
1977	1.07	1.74	2.29	0.32	3.40	1.41	0.77	1.68	1.29	0.43	4.87	6.17	25.44
1978	2.74	3.64	1.81	4.87	0.91	0.93	0.62	1.07	0.97	0.07	2.39	1.86	21.88
1979	3.31	3.71	1.44	2.25	2.26	0.47	0.10	2.14	0.16	3.42	2.72	1.47	23.45
1980	5.14	3.10	2.93	1.02	3.52	1.52	0.83	0.14	3.27	0.93	1.59	3.86	27.86
1981	1.31	2.79	3.43	2.85	2.23	1.23	0.29	0.12	0.29	2.90	5.67	9.18	32.29
1982	4.40	4.68	4.02	2.99	0.96	2.22	1.55	0.62	2.21	3.53	4.21	5.17	36.76
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	92.98	59.80	59.90	50.49	37.30	37.59	13.40	20.49	23.03	43.73	74.78	86.50	599.99
MIN	1.07	0.68	0.68	0.32	0.39	0.45	0.00	0.00	0.00	0.07	0.22	0.23	19.50
MAX	10.59	4.92	6.20	4.87	3.52	4.34	1.84	4.17	3.29	7.17	7.05	12.52	41.05
MEAN	4.43	2.85	2.85	2.40	1.78	1.79	0.64	0.98	1.10	2.08	3.56	4.12	28.57
S.O.	2.73	1.31	1.65	1.17	0.92	1.08	0.53	0.98	0.96	1.60	2.07	2.85	6.43

Table A.15.--Monthly precipitation in inches at Reynolds, Idaho Site 163X20.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	4.11	7.15	5.17	2.00	4.33	0.33	0.31	0.16	0.49	3.48	3.21	1.92	32.66
1963	4.80	6.25	2.15	7.01	2.66	4.27	0.15	0.99	0.81	1.93	9.48	3.63	44.13
1964	11.38	1.17	4.43	2.34	1.91	3.05	0.33	1.08	1.00	1.33	8.29	14.87	51.18
1965	13.58	1.82	0.91	3.63	3.32	2.78	0.55	1.67	0.48	1.74	6.75	2.45	39.68
1966	5.73	2.78	4.42	2.21	0.94	0.86	0.00	0.06	0.60	1.80	8.76	6.10	34.25
1967	13.22	2.34	2.98	4.69	2.64	3.15	0.80	0.00	0.53	1.91	4.74	4.34	41.33
1968	3.84	5.94	2.91	2.75	2.05	1.23	0.11	5.63	0.91	1.43	6.97	6.48	40.26
1969	16.54	3.76	0.94	3.32	0.78	4.63	0.37	0.00	0.65	2.95	0.96	7.36	42.26
1970	14.81	2.01	4.58	4.72	2.49	3.03	0.58	0.57	1.52	3.70	8.38	11.59	57.97
1971	9.51	3.20	8.86	3.42	1.95	4.13	1.16	0.84	3.17	2.59	6.06	8.76	53.64
1972	8.41	6.42	5.20	3.66	3.27	2.28	0.00	0.80	2.13	2.54	3.54	6.90	45.17
1973	4.32	2.67	2.38	4.68	1.39	1.45	0.80	0.41	3.00	2.61	11.95	8.49	44.16
1974	6.81	3.76	9.63	3.64	0.88	0.73	1.12	0.28	0.00	3.53	3.22	7.72	41.32
1975	5.56	9.98	10.80	5.48	1.96	3.10	2.06	1.72	0.16	7.17	3.26	5.26	56.52
1976	6.19	7.25	4.15	3.79	0.97	2.62	0.94	1.78	0.89	2.62	0.80	0.67	33.68
1977	2.73	3.24	4.60	0.75	6.41	1.39	1.11	1.52	1.83	0.95	6.74	8.05	39.30
1978	6.19	6.21	3.54	8.87	1.00	1.46	0.51	1.07	1.63	0.06	3.74	3.60	37.87
1979	7.25	8.32	3.36	5.37	3.45	0.96	0.18	3.42	0.10	3.55	5.51	3.68	45.15
1980	7.73	6.05	6.05	1.41	7.46	2.39	1.63	0.19	3.60	1.34	2.56	4.05	44.46
1981	3.37	2.76	5.82	4.03	4.05	1.88	0.42	0.09	0.64	4.16	7.13	13.08	47.43
1982	6.63	5.00	8.21	4.45	1.64	3.11	2.35	1.62	3.82	4.80	7.60	7.45	56.67
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	162.71	98.09	101.07	82.22	55.55	48.82	15.47	23.90	28.95	56.21	119.65	136.45	929.08
MIN	2.73	1.17	0.91	0.75	0.78	0.33	0.00	0.00	0.00	0.06	0.80	0.67	32.66
MAX	16.54	9.98	10.80	8.87	7.46	4.63	2.35	5.63	3.82	7.17	11.95	14.87	57.97
MEAN	7.75	4.67	4.81	3.92	2.65	2.32	0.74	1.14	1.38	2.68	5.70	6.50	44.24
S.O.	3.98	2.41	2.69	1.85	1.78	1.22	0.65	1.33	1.17	1.55	2.92	3.62	7.45

Table A.16.--Monthly precipitation in inches at Reynolds, Idaho Site 167X07.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	2.38	5.36	4.90	2.02	2.62	0.34	0.25	0.14	0.68	4.28	1.72	1.98	26.68
1963	3.92	4.86	1.72	5.29	2.51	4.05	0.07	1.11	0.85	1.22	7.83	0.86	34.29
1964	8.35	1.07	5.34	1.58	1.88	2.53	0.26	1.26	0.39	1.34	7.77	15.81	47.59
1965	10.30	1.68	1.36	3.42	6.53	2.25	0.58	2.24	0.41	0.51	3.58	2.53	35.40
1966	4.27	2.98	3.76	1.36	1.49	0.51	0.00	0.01	0.51	1.04	4.71	5.57	26.20
1967	9.76	2.40	2.70	4.13	2.94	3.70	0.67	0.09	0.51	1.90	3.71	3.36	35.87
1968	1.89	3.36	0.17	1.53	0.77	0.55	0.07	1.05	0.73	1.05	3.84	5.50	24.28
1969	9.86	2.48	1.30	1.16	0.70	2.45	0.76	0.00	0.23	1.89	0.52	3.62	24.66
1970	9.47	1.16	2.85	3.10	1.65	2.31	0.73	0.25	0.98	2.49	5.92	5.85	36.78
1971	6.33	2.65	5.43	2.09	1.65	2.81	0.77	0.81	2.79	2.14	3.86	4.88	36.20
1972	6.01	4.39	2.93	2.04	0.97	2.23	0.00	0.70	1.53	2.73	2.10	5.43	31.05
1973	3.27	2.18	1.96	3.15	1.39	0.63	0.82	0.67	1.22	1.54	8.59	5.87	31.29
1974	4.55	2.40	6.70	1.66	0.79	0.75	0.90	0.32	0.00	2.40	1.67	4.63	26.76
1975	4.92	7.55	7.05	4.37	1.38	1.67	1.67	1.41	0.05	5.96	3.56	3.45	43.03
1976	5.36	5.43	2.77	2.78	0.87	1.56	0.90	1.51	1.74	0.85	0.23	0.32	24.33
1977	1.45	2.36	2.95	0.39	4.51	1.96	0.95	1.12	1.13	0.51	5.51	6.88	29.72
1978	4.52	5.14	2.23	6.01	1.25	0.77	0.68	0.94	1.22	0.06	2.72	2.15	27.70
1979	4.25	4.78	1.53	2.28	2.59	0.65	0.27	3.54	0.02	3.60	3.44	2.61	29.57
1980	5.45	3.45	3.18	1.48	4.31	1.70	0.65	0.10	2.79	1.08	1.55	3.89	29.62
1981	2.12	2.39	3.86	2.95	2.43	1.29	0.31	0.19	0.34	2.73	5.47	9.64	33.73
1982	7.42	4.30	5.72	3.48	1.59	2.51	1.50	0.33	2.48	3.08	5.66	6.53	44.60
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	115.86	72.36	71.20	56.28	45.33	37.22	12.24	20.78	20.13	42.39	84.08	101.36	679.25
MIN	1.45	1.07	0.97	0.39	0.70	0.34	0.00	0.00	0.00	0.06	0.23	0.32	24.28
MAX	10.30	7.55	7.05	6.01	6.53	4.05	1.67	4.05	2.79	5.96	8.59	15.81	47.59
MEAN	5.52	3.45	3.39	2.68	2.16	1.77	0.58	0.99	0.96	2.02	4.00	4.83	32.35
S.O.	2.76	1.65	1.81	1.42	1.44	1.06	0.46	1.11	0.87	1.41	2.34	3.33	6.69



Table A.17.--Monthly precipitation in inches at Reynolds, Idaho Site 174X17.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	4.26	6.37	4.67	2.82	3.60	0.35	0.50	0.12	0.58	3.60	3.08	1.86	31.80
1963	4.30	6.79	2.23	6.79	2.68	5.06	0.04	0.97	0.76	1.64	10.84	3.06	45.16
1964	10.99	1.15	6.38	3.10	2.18	2.50	0.22	1.14	1.01	1.18	8.25	15.71	53.82
1965	14.43	2.43	1.09	4.08	4.66	2.61	0.56	2.60	0.55	0.96	5.06	2.90	41.91
1966	7.01	4.22	5.31	2.72	1.37	0.79	0.00	0.04	0.41	2.18	7.34	6.80	38.19
1967	14.62	3.47	3.68	6.40	3.30	3.89	0.76	0.04	0.67	2.65	4.93	4.28	48.65
1968	3.21	6.43	2.36	1.84	2.06	1.06	0.15	6.67	0.74	1.47	6.85	5.58	38.42
1969	10.68	2.42	1.26	2.96	0.52	4.84	0.54	0.00	0.35	3.09	0.98	4.74	32.38
1970	12.54	0.88	4.01	3.92	2.80	3.57	0.63	0.32	1.81	3.08	7.03	4.93	45.52
1971	8.62	3.71	7.31	3.13	2.51	3.53	0.59	0.68	3.84	2.79	7.71	6.54	50.95
1972	7.22	5.67	4.38	3.36	2.09	2.44	0.00	0.30	2.11	2.58	3.13	5.68	39.54
1973	3.74	3.23	2.43	4.60	1.57	0.98	1.44	0.59	2.51	2.12	9.55	6.74	39.51
1974	4.66	2.61	7.44	1.85	0.91	1.03	1.28	0.15	0.00	2.95	2.52	8.77	34.18
1975	5.37	7.59	8.01	4.33	2.12	2.19	2.42	1.53	0.17	6.21	3.52	4.92	48.38
1976	5.77	6.37	4.39	3.47	0.95	2.21	0.80	1.48	1.79	1.78	0.80	0.35	30.17
1977	2.41	2.88	4.73	0.75	4.60	1.42	1.17	1.49	1.47	0.65	6.80	7.48	35.85
1978	5.59	5.72	3.16	6.29	1.33	1.40	0.38	1.12	1.38	0.18	3.99	3.73	34.28
1979	7.43	5.93	3.02	4.55	3.43	0.66	0.12	2.40	0.16	3.08	5.64	3.11	39.52
1980	6.38	4.72	5.41	1.57	5.08	1.91	0.92	0.21	3.28	1.06	2.54	3.67	36.74
1981	2.77	2.74	5.59	3.55	2.91	1.59	0.37	0.18	0.59	3.18	7.00	12.09	41.23
1982	5.82	3.59	6.30	3.32	1.18	2.15	2.16	0.64	3.45	4.32	6.27	7.02	46.22
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	147.83	88.91	93.17	75.39	51.85	46.17	15.05	23.26	27.62	50.74	112.51	119.92	852.41
MIN	2.41	0.88	1.09	0.75	0.52	0.35	0.00	0.00	0.00	0.18	0.80	0.35	30.17
MAX	14.62	7.59	8.01	6.79	5.08	5.06	2.42	6.67	3.84	6.21	10.84	15.71	53.82
MEAN	7.04	4.23	4.44	3.59	2.47	2.00	0.72	1.11	1.32	2.42	5.36	5.71	40.59
S.D.	3.66	1.94	1.99	1.56	1.29	1.33	0.67	1.48	1.15	1.37	2.69	3.43	6.60

Table A.18.--Monthly precipitation in inches at Reynolds, Idaho Site 176X07.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.41	4.00	3.82	1.68	2.39	0.20	0.40	0.15	0.68	3.41	1.90	1.41	21.44
1963	3.43	4.79	1.49	5.39	3.02	4.54	0.00	0.65	0.85	1.32	8.68	1.87	36.03
1964	7.12	0.55	3.82	1.09	1.65	3.02	0.06	1.34	1.01	1.27	7.17	13.59	41.71
1965	12.40	1.42	0.67	2.28	4.50	2.61	0.60	2.32	0.87	0.67	3.58	2.27	35.20
1966	4.61	2.50	3.04	1.46	1.40	0.83	0.00	0.04	0.62	1.42	6.08	4.35	26.35
1967	10.15	2.24	2.45	4.16	2.62	3.27	0.65	0.14	0.46	2.38	4.03	3.33	35.90
1968	2.77	4.90	2.08	1.81	1.64	0.66	0.08	4.48	0.42	1.25	5.18	6.60	31.86
1969	12.65	3.88	1.34	1.72	0.63	3.81	0.26	0.00	0.22	2.47	0.92	5.42	33.32
1970	14.96	1.52	3.53	3.92	2.17	2.69	0.75	0.29	1.16	3.25	7.74	9.06	51.05
1971	10.19	4.12	8.51	3.02	3.14	4.03	0.64	0.81	3.63	2.85	6.44	10.14	57.52
1972	9.12	6.83	4.87	2.81	1.83	2.58	0.01	1.12	1.92	2.71	2.55	5.88	42.24
1973	3.89	2.49	2.50	4.40	1.64	1.01	1.02	0.67	1.83	1.87	10.14	8.28	39.75
1974	6.72	3.75	8.28	3.29	0.73	1.13	1.16	0.21	0.00	2.68	2.66	6.92	37.55
1975	6.58	10.24	10.29	5.15	1.50	2.18	1.73	1.66	0.03	5.60	4.64	4.80	54.40
1976	6.93	7.08	4.02	2.77	1.02	1.73	0.77	1.47	1.78	1.42	0.45	0.35	29.79
1977	1.89	2.74	3.96	0.41	4.16	2.16	1.10	1.26	1.23	0.67	7.22	7.91	34.71
1978	5.59	6.44	2.78	7.64	1.10	0.89	0.66	1.12	1.51	0.10	3.59	3.06	34.49
1979	6.44	6.33	2.47	3.55	2.93	0.58	0.25	3.08	0.04	3.40	5.12	2.98	37.15
1980	7.29	4.66	5.35	1.64	5.08	1.72	0.81	0.15	3.08	1.08	2.26	4.06	37.30
1981	2.63	2.82	5.12	3.04	2.77	1.46	0.31	0.15	0.46	3.13	6.20	14.08	42.37
1982	8.70	4.96	7.39	4.01	1.43	2.71	1.83	0.24	3.12	4.68	6.50	8.06	53.63
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	145.67	88.28	87.80	66.24	47.36	43.81	13.18	21.35	24.92	47.65	103.08	124.42	813.76
MIN	1.41	0.55	0.67	0.41	0.63	0.20	0.00	0.00	0.00	0.10	0.45	0.35	21.44
MAX	14.96	10.24	10.29	7.64	5.08	4.54	1.83	4.48	3.63	5.60	10.14	14.08	57.52
MEAN	6.94	4.20	4.18	3.15	2.26	2.09	0.63	1.02	1.19	2.27	4.91	5.92	38.75
S.D.	3.71	2.29	2.56	1.68	1.22	1.22	0.53	1.14	1.05	1.37	2.60	3.75	9.18

Table A.19.--Monthly precipitation in inches at Reynolds, Idaho Site 176X14.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1968	2.17	3.29	1.71	1.41	1.29	0.51	0.06	4.95	0.46	1.17	5.62	5.11	27.76
1969	10.96	2.02	0.97	1.83	0.62	3.20	0.25	0.00	0.21	2.64	0.83	3.64	27.16
1970	9.13	0.72	3.77	4.52	2.39	3.15	0.60	0.23	1.25	2.90	7.71	7.40	43.78
1971	8.24	2.70	4.27	2.70	2.15	4.34	0.49	0.72	3.30	1.93	4.90	5.97	41.71
1972	4.27	3.47	2.72	1.68	1.45	2.87	0.01	1.63	2.43	2.59	2.82	4.43	30.38
1973	3.35	2.02	1.52	3.27	1.66	0.78	1.05	0.64	2.07	1.40	6.71	4.31	28.78
1974	2.13	1.42	5.87	1.34	0.54	1.23	1.11	0.24	0.00	3.10	1.49	4.96	23.44
1975	3.42	4.31	4.31	3.39	0.93	1.97	1.78	1.91	0.03	5.15	2.75	3.79	33.74
1976	3.53	4.57	2.05	2.25	0.98	2.12	0.71	1.25	1.70	1.09	0.50	0.30	21.03
1977	1.89	2.64	3.95	0.62	4.13	1.91	1.01	1.33	1.19	0.53	6.48	6.14	31.81
1978	3.77	6.53	2.47	5.89	1.04	0.98	0.73	1.37	1.52	0.04	3.06	2.14	29.53
1979	3.91	5.04	1.84	2.73	2.40	0.51	0.17	2.65	0.05	2.64	3.58	3.11	28.62
1980	5.78	3.21	3.33	1.02	4.48	1.58	0.88	0.18	3.15	1.12	2.15	3.26	30.12
1981	2.63	2.34	5.82	2.54	2.73	1.32	0.31	0.11	0.45	2.90	5.24	7.71	34.10
1982	6.70	2.64	5.00	2.77	1.50	2.52	1.87	0.21	2.91	3.47	3.88	4.19	37.66

## STATISTICS FOR 15 YEARS OF DATA

TOTAL	71.90	46.91	49.60	37.98	28.28	29.00	11.02	17.40	20.70	32.66	57.71	66.45	469.61
MIN	1.89	0.72	0.97	0.62	0.54	0.51	0.01	0.00	0.00	0.04	0.50	0.30	21.03
MAX	10.96	6.53	5.87	5.89	4.48	4.34	1.87	4.95	3.30	5.15	7.71	7.71	43.78
MEAN	4.79	3.13	3.31	2.53	1.89	1.93	0.73	1.16	1.38	2.18	3.85	4.43	31.31
S.D.	2.78	1.50	1.56	1.38	1.19	1.12	0.57	1.31	1.18	1.32	2.20	1.93	6.18

**Section B**

**STREAMFLOW AND RUNOFF**



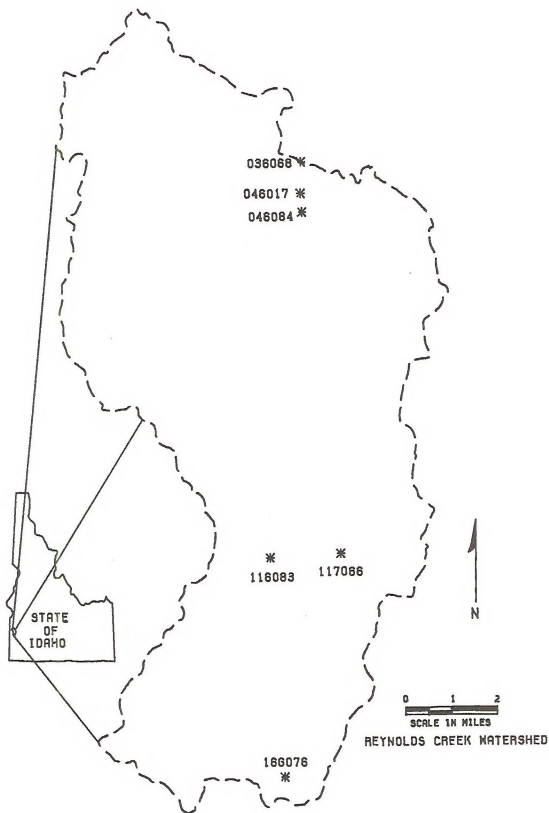


Figure B.1.--Runoff sites.

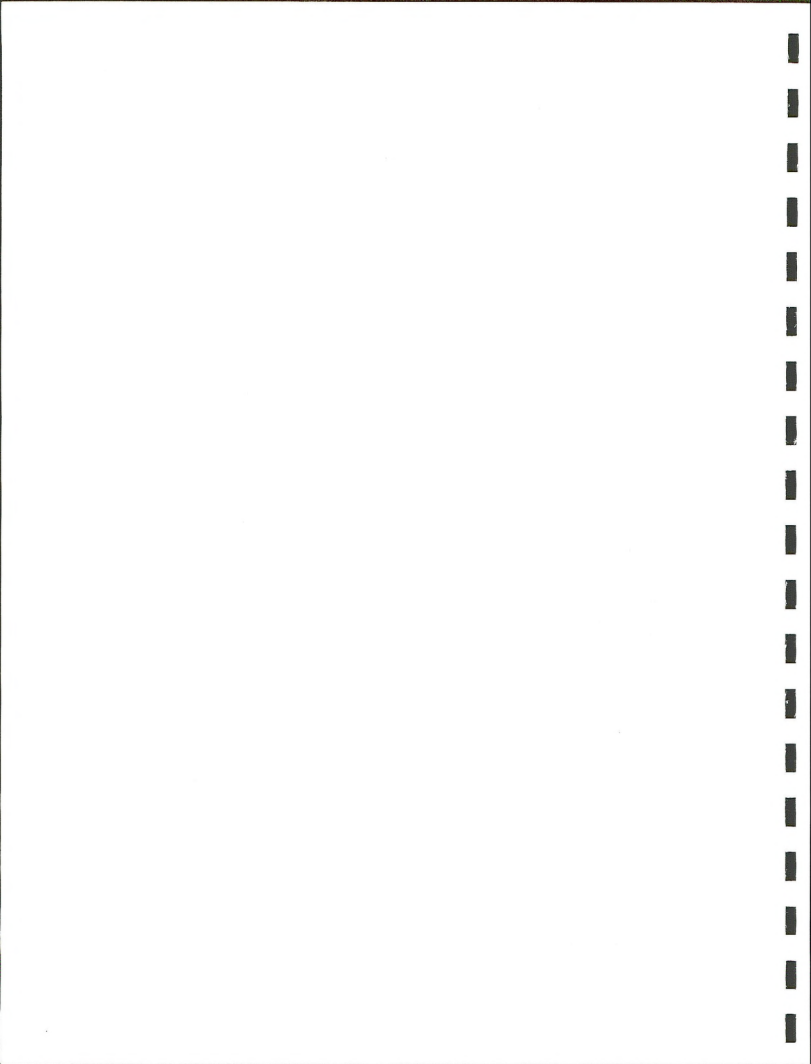


Table B.1.1a.--Monthly runoff in inches at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1964	0.00670	0.06820	0.05721	0.14691	0.09800	0.21688	0.65582	0.67857	0.46373	0.04018	0.00924	0.00628	2.44970
1965	0.00982	0.03555	1.39116	1.59114	0.82866	0.38911	1.07516	1.15618	0.36989	0.07138	0.09754	0.03810	7.05369
1966	0.05575	0.06384	0.04825	0.07150	0.05465	0.18849	0.16599	0.06931	0.03469	0.00637	0.00188	0.00350	7.16221
1967	0.00389	0.01898	0.05392	0.20414	0.16728	0.16144	0.13051	0.67304	0.72512	0.02266	0.00915	0.01091	2.18964
1968	0.01534	0.01998	0.03355	0.04540	0.26068	0.09554	0.04353	0.03683	0.02348	0.01232	0.01794	0.00573	6.61036
1969	0.00488	0.01457	0.03427	0.88291	0.16197	0.40116	1.15953	0.64421	0.23956	0.03154	0.01825	0.01075	6.60360
1970	0.01458	0.01678	0.04105	0.61979	0.25970	0.30749	0.27057	0.83143	0.24499	0.05408	0.02296	0.01676	2.70019
1971	0.01559	0.09350	0.21256	0.95021	0.38398	0.86909	0.91897	0.91497	0.29901	0.07380	0.02489	0.02120	4.77778
1972	0.06808	0.11716	0.19294	0.64455	0.57735	0.24979	0.66307	0.83586	0.60095	0.06966	0.02876	0.02293	6.07111
1973	0.05044	0.08119	0.17985	0.23562	0.12454	0.15179	0.51254	0.39136	0.06775	0.02712	0.01428	0.00899	1.84558
1974	0.01358	0.05065	0.17263	0.49048	0.20886	1.19787	1.03696	0.71196	0.40072	0.06149	0.01655	0.01157	4.37331
1975	0.02008	0.04461	0.04813	0.11162	0.26625	0.61693	0.69589	1.24646	0.82802	0.18508	0.03190	0.02163	4.11661
1976	0.08948	0.09238	0.22702	0.22991	0.16231	0.28034	0.63405	0.81996	0.21356	0.04086	0.02958	0.02441	2.84366
1977	0.02916	0.03326	0.03312	0.03750	0.03617	0.03530	0.03200	0.05233	0.04744	0.00620	0.00355	0.00245	3.48558
1978	0.00274	0.01293	0.10599	0.13877	0.26066	0.73263	0.89473	0.82762	0.21239	0.05529	0.03126	0.01459	3.29660
1979	0.01893	0.03365	0.05295	0.33082	0.30915	0.38678	0.17806	0.59649	0.10166	0.02429	0.01029	0.01400	2.06349
1980	0.01832	0.02032	0.03791	0.22283	0.25759	0.26239	0.38643	0.55732	0.41604	0.04388	0.01549	0.02039	2.25892
1981	0.02907	0.03780	0.09894	0.07848	0.22450	0.14504	0.38176	0.24849	0.11966	0.02364	0.01199	0.00282	1.40220
1982	0.01050	0.03706	0.45405	0.27806	2.07251	0.92282	1.33981	1.03139	0.42037	0.19281	0.03864	0.03849	6.83650

## STATISTICS FOR 19 YEARS OF DATA

MIN	0.00274	0.01293	0.03312	0.03750	0.03617	0.03530	0.03200	0.03683	0.02348	0.00620	0.00188	0.00250	3.48558
MAX	0.08948	0.11716	1.39116	1.59114	2.07251	2.04979	1.33981	2.24646	0.82802	0.19281	0.09754	0.03810	7.05369
MEAN	0.02531	0.04697	0.18329	0.38474	0.35342	0.49520	0.59823	0.64682	0.30679	0.05575	0.02785	0.01550	3.13668
S.D.	0.02373	0.03082	0.31102	0.40111	0.45520	0.49260	0.40621	0.35517	0.23301	0.05159	0.02073	0.01068	1.98751

Table B.1.1b.--Monthly average flow in cubic feet per second at Reynolds Cr. Outlet (Reynolds, Idaho Site 036068).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1964	0.6808	5.1166	4.4779	11.4998	8.2002	16.9763	53.0460	53.1157	37.5087	3.1450	0.7236	0.5075
1965	0.7680	2.8753	108.8944	124.5475	71.8137	30.4583	86.9646	90.5014	29.9188	5.5872	7.6351	3.0821
1966	4.3639	5.1635	3.7767	5.5963	4.7357	14.5978	13.5070	5.4255	2.8055	0.4983	0.1474	0.2022
1967	0.4608	1.5351	4.2205	15.9789	14.4974	12.6373	10.5565	52.5625	58.6514	2.2905	0.7163	0.8819
1968	1.2012	1.6180	2.6297	3.5534	21.8125	7.4780	3.5212	2.8827	1.9000	0.9640	1.4042	4.6334
1969	0.3815	1.1788	2.6821	69.1104	14.0368	31.4009	93.7892	50.4260	19.3773	2.4690	1.4284	0.8689
1970	1.1411	1.3575	3.2134	48.5147	22.5062	24.0689	21.8846	65.0811	19.8164	4.2335	1.7974	1.3564
1971	1.2202	7.5628	16.6382	74.3790	32.7770	68.0284	74.3309	71.6204	24.1859	5.7765	1.9489	1.7149
1972	5.3286	9.4765	15.1024	50.4527	48.3096	160.4493	69.8097	65.4233	48.6080	4.5540	2.2514	0.8545
1973	3.9480	6.5669	14.0778	18.4434	10.8014	11.8817	41.4570	30.6343	5.4806	2.1231	1.1178	0.7273
1974	1.0625	4.0965	13.5126	38.3931	18.1005	93.7646	83.8747	55.7291	32.4122	4.8135	1.2954	0.9356
1975	1.5717	3.6087	3.7672	8.7372	23.0736	48.2910	56.2874	97.5684	66.9745	14.4874	2.4974	1.7494
1976	7.0038	7.4721	17.7703	17.9965	13.5812	21.9438	51.2848	64.1830	17.2741	3.1985	2.3153	1.9747
1977	2.2824	2.6903	2.5924	2.8348	3.1353	2.7631	2.5886	4.0957	3.8376	0.4853	0.2781	0.2069
1978	0.2142	1.0455	8.2964	10.8625	22.5915	57.3472	71.5617	64.7826	17.1796	5.1107	2.4465	1.1792
1979	1.4816	2.7220	4.6910	25.8518	26.7916	30.2757	14.4028	46.6906	8.2224	1.9010	0.8056	1.1321
1980	1.4340	1.6433	2.9671	17.4419	21.5538	20.5393	31.2564	43.6250	33.6517	3.4350	1.2129	1.6491
1981	2.2759	3.0573	7.7452	6.1432	19.4562	11.3531	30.8784	19.4508	9.6785	1.8507	0.9385	0.2286
1982	0.8218	2.9975	35.5411	21.7653	179.6093	72.2348	108.3706	80.7327	34.0020	15.0921	3.0249	3.1133

## STATISTICS FOR 19 YEARS OF DATA

MIN	0.2142	1.0455	2.5924	2.9348	3.1353	2.7631	2.5886	2.8827	1.9000	0.4853	0.1474	0.2022
MAX	7.0038	9.4765	108.8944	124.5475	179.6093	160.4493	108.3706	97.5684	66.9745	15.0921	7.6351	3.1133
MEAN	1.9612	3.7991	14.3472	30.1159	30.4149	38.7626	48.3880	50.7713	24.8150	4.3640	1.7887	1.2541
S.D.	1.6575	2.4930	24.3456	31.3970	39.4427	38.5585	32.6567	27.6017	18.8470	4.0386	1.6230	0.8636

Table 8.1.2a.--Monthly runoff in inches at Salmon Creek (Reynolds, Idaho Site 046017).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1965	0.02019	0.05192	1.20077	5.60460	0.76255	0.23131	0.32216	0.73454	0.21967	0.07072	0.25311	0.09407	9.56761
1966	0.09443	0.09857	0.07414	0.09774	0.08076	0.23577	0.23323	0.08301	0.03395	0.06096	0.03325	0.00656	1.04836
1967	0.02055	0.06257	0.14641	0.40148	0.32935	0.26704	0.34757	0.32660	0.30377	0.03077	0.00249	0.00332	2.24194
1968	0.02145	0.04413	0.05993	0.07840	0.29177	0.14700	0.07142	0.04508	0.00731	0.00203	0.00119	0.00072	0.77043
1969	0.00792	0.03807	0.05399	0.10247	0.31025	0.47215	0.87761	0.24117	0.08878	0.01695	0.00166	0.00983	3.14283
1970	0.02725	0.03879	0.07065	0.12209	0.32386	0.44081	0.45970	0.35453	0.10717	0.02277	0.00203	0.00597	3.07363
1971	0.03637	0.12520	0.27569	1.07236	0.28935	0.87841	0.54432	0.23263	0.09701	0.03788	0.00402	0.01881	3.61225
1972	0.09947	0.19253	0.40440	1.14088	0.79999	1.83110	0.51739	0.23752	0.19569	0.03709	0.01830	0.03003	5.05439
1973	0.06544	0.11323	0.25538	0.30625	0.16371	0.20335	0.78473	0.17093	0.05652	0.01183	0.00282	0.00974	2.14393
1974	0.03435	0.11150	0.28069	0.56577	0.23031	1.24434	0.55707	0.19588	0.06152	0.02177	0.00401	0.00516	3.31236
1975	0.03086	0.06884	0.09859	0.19612	0.39207	0.85848	0.80181	0.84791	0.18790	0.04148	0.01068	0.00989	3.54463
1976	0.14392	0.10669	0.24299	0.34723	0.21132	0.40448	0.56008	0.20947	0.09942	0.01526	0.01276	0.02966	2.38329
1977	0.05229	0.05774	0.04809	0.06619	0.06732	0.09232	0.08939	0.08472	0.05663	0.00344	0.00025	0.00013	0.62220
1978	0.00216	0.05349	0.15738	0.24943	0.49268	0.90696	0.94935	0.44282	0.09209	0.04156	0.00111	0.00751	3.39655
1979	0.01726	0.03266	0.04635	0.40947	0.41181	0.57479	0.35512	0.33176	0.05676	0.00639	0.00090	0.00375	2.24703
1980	0.01114	0.04118	0.07902	0.34113	0.33223	0.37950	0.32807	0.27406	0.36257	0.02671	0.00195	0.00963	2.18719
1981	0.03083	0.04862	0.20655	0.13149	0.38709	0.39450	0.64945	0.24536	0.11872	0.00901	0.00111	0.00048	2.23232
1982	0.01544	0.08220	0.57128	0.30581	2.01041	0.86307	1.07618	0.42394	0.15156	0.08547	0.01741	0.01905	5.62182
STATISTICS FOR 18 YEARS OF DATA													
MIN	0.00216	0.03266	0.04635	0.06619	0.06732	0.09232	0.07142	0.04508	0.00731	0.00203	0.00025	0.00013	0.62220
MAX	0.14392	0.19253	1.20077	5.60460	2.01041	1.83110	1.07618	0.84791	0.36257	0.08547	0.25311	0.09407	9.56761
MEAN	0.04063	0.07611	0.23735	0.75327	0.43816	0.57919	0.52915	0.30477	0.12761	0.02712	0.01884	0.01468	3.14687
S.D.	0.03757	0.04157	0.27897	1.26953	0.43709	0.44734	0.28649	0.20624	0.09433	0.02279	0.005874	0.02174	2.09756

Table 8.1.2b.--Monthly average flow in cubic feet per second at Salmon Creek (Reynolds, Idaho Site 046017).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1965	0.2460	0.6789	14.6307	68.2891	10.2868	2.8183	4.0562	8.9500	2.7658	0.8616	0.3040	1.1844
1966	1.1506	1.2410	0.9033	1.1910	1.0894	2.8727	2.9365	1.0114	0.4274	0.0848	0.0395	0.0827
1967	0.2503	0.7878	1.7839	4.6919	4.4430	3.2538	4.3761	3.9795	3.8246	0.3749	0.0303	0.0418
1968	0.2614	0.5556	0.7302	0.9552	3.8002	1.7911	0.8993	0.5493	0.0921	0.0246	0.0146	0.0092
1969	0.0966	0.4793	0.6578	12.4826	4.1853	5.7529	11.0497	2.9385	1.1177	0.2065	0.0203	0.1237
1970	0.3321	0.4884	0.8608	14.8661	4.3689	5.3710	5.7679	4.3197	1.3493	0.2775	0.0248	0.0752
1971	0.4432	1.5763	3.3592	13.0662	3.9033	10.7029	6.8534	2.8369	1.2214	0.4616	0.0490	0.2367
1972	1.2120	4.4241	13.9014	13.9011	10.4197	22.3110	6.5143	8.8941	4.6538	0.4519	0.2229	0.3781
1973	0.7973	1.4256	3.1117	7.7315	2.2085	2.4777	9.8802	2.0826	0.7117	0.1441	0.0344	0.1227
1974	0.4186	1.4038	3.4201	6.8936	3.1069	15.1616	7.0138	2.3867	0.7745	0.2653	0.0488	0.0649
1975	0.3761	0.8668	1.2012	2.3895	5.2890	10.4601	10.0952	10.3314	2.3657	0.5053	0.1301	0.1245
1976	1.7536	1.3433	2.9607	4.2309	2.7523	4.9284	7.0518	2.5523	1.2517	0.1860	0.1555	0.3734
1977	0.6372	0.7269	0.5860	0.8065	0.9081	1.1249	1.1255	1.0772	0.7130	0.0419	0.0030	0.0016
1978	0.0264	0.6735	1.9176	3.0392	6.6463	11.0508	11.9529	5.3955	1.1594	0.5064	0.0136	0.0946
1979	0.2103	0.4113	0.5647	4.9893	5.5552	7.0035	4.4712	4.0424	0.7147	0.0779	0.0110	0.0473
1980	0.1358	0.5185	0.9628	4.1565	4.3272	4.6240	4.1306	3.3392	4.5650	0.3254	0.0238	0.1213
1981	0.3756	0.6122	2.5167	1.6022	5.2218	4.8068	8.1769	2.9896	1.4948	0.1098	0.0135	0.0060
1982	0.1882	1.0350	6.9607	3.7261	27.1203	10.5160	13.5498	5.1655	1.9083	1.0414	0.2121	0.2398
STATISTICS FOR 18 YEARS OF DATA												
MIN	0.0264	0.4113	0.5647	0.8065	0.9081	1.1249	0.8993	0.5493	0.0921	0.0246	0.0030	0.0016
MAX	1.7536	2.4241	14.6307	68.2891	27.1203	22.3110	13.5498	10.3314	4.5650	1.0414	0.2121	1.1844
MEAN	0.4951	0.9592	2.8920	9.1783	5.8685	7.0571	6.6523	3.7134	1.6067	0.3304	0.2292	0.1849
S.D.	0.4577	0.5234	3.3992	15.4685	5.8669	5.4506	3.6701	2.5372	1.1877	0.2777	0.7158	0.2737



Table 8.1.3a.--Monthly runoff in inches at Macks Creek (Reynolds, Idaho Site 046084).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1965	0.00393	0.00961	0.05561	7.36836	1.47585	0.33818	0.51309	0.49304	0.09039	0.02400	0.04691	0.02628	10.44525
1966	0.04460	0.05523	0.04012	0.06652	0.05653	0.17843	0.10881	0.04407	0.00957	0.00269	0.00109	0.00079	0.60844
1967	0.00048	0.00081	0.02684	0.40033	0.25960	0.20503	0.22140	0.21899	0.16655	0.01152	0.00259	0.00149	1.53534
1968	0.00186	0.00429	0.02685	0.03512	0.25669	0.08487	0.05201	0.02093	0.00816	0.00221	0.00094	0.00060	0.49462
1969	0.00063	0.00128	0.00829	1.23973	0.23857	0.48763	0.77299	1.23116	0.39357	0.01523	0.00285	0.00227	2.93210
1970	0.00343	0.00416	0.01072	0.86034	0.24345	0.35635	0.24048	0.16205	0.02588	0.00721	0.00275	0.00138	1.91821
1971	0.00177	0.03734	0.15726	1.35758	0.33038	1.07395	0.59786	1.2895	0.06995	0.02012	0.00563	0.00418	3.78499
1972	0.01558	0.08215	0.22242	0.92514	0.76044	1.96658	0.56070	0.14641	0.13262	0.02376	0.00260	0.00181	4.84023
1973	0.01241	0.06198	0.22709	0.26582	0.12736	0.18585	0.73403	0.11574	0.02677	0.00308	0.00103	0.00072	1.76198
1974	0.00136	0.04875	0.21344	0.62573	0.21703	1.65687	0.77136	1.14314	0.03867	0.00762	0.00152	0.00028	3.72381
1975	0.00114	0.00655	0.04922	0.14758	0.55284	1.3595	1.36196	1.14727	0.13805	0.04693	0.01280	0.01131	4.78760
1976	0.10278	0.09877	0.27661	0.34631	0.24918	0.51323	0.73950	0.17692	0.09163	0.02575	0.02352	0.02282	2.66702
1977	0.03912	0.04958	0.04252	0.04633	0.05949	0.05432	0.05255	0.04792	0.02706	0.00628	0.00086	0.00074	0.42676
1978	0.00108	0.00094	0.06625	0.20647	0.41041	1.02573	0.86504	0.34064	0.05448	0.02674	0.00485	0.00378	3.00642
1979	0.00421	0.02120	0.03776	0.43961	0.41181	0.60274	0.32294	0.22977	0.01770	0.00417	0.00199	0.00117	2.09507
1980	0.00232	0.01787	0.06042	0.24987	0.29737	0.32334	0.21403	0.19731	0.24207	0.02346	0.00252	0.00651	1.63718
1981	0.01063	0.04506	0.13362	0.08100	0.30752	0.24076	0.40262	0.14972	0.06572	0.01172	0.00304	0.00182	1.45322
1982	0.01072	0.04462	0.41855	0.25870	2.20713	1.03772	1.38426	0.30713	0.07587	0.01734	0.01783	0.01443	5.84828
STATISTICS FOR 18 YEARS OF DATA													
MIN	0.00048	0.00081	0.00829	0.03512	0.05653	0.05432	0.05201	0.02093	0.00816	0.00231	0.00086	0.00028	0.42676
MAX	0.10278	0.09877	0.41855	7.36836	2.20713	1.96658	1.38426	1.14727	0.24207	0.07134	0.04691	0.02628	10.44525
MEAN	0.01434	0.03268	0.11498	0.82892	0.47009	0.64708	0.55087	0.23295	0.07448	0.01855	0.00752	0.00568	2.99813
S.O.	0.02552	0.02988	0.11442	1.68112	0.54056	0.56759	0.39903	0.25487	0.06432	0.01759	0.01170	0.00790	2.42435

Table 8.1.3b.--Monthly average flow in cubic feet per second at Macks Creek (Reynolds, Idaho Site 046084).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1965	0.0419	0.1055	0.5914	78.3549	17.3756	3.5962	5.6380	5.2430	0.9932	0.2552	0.4988	0.2888
1966	0.4742	0.6070	0.4266	0.7073	0.6655	1.8974	1.1956	0.4687	0.1052	0.0286	0.0116	0.0086
1967	0.0051	0.0088	0.2854	4.2571	3.0564	2.1803	2.4329	2.3287	2.0499	0.1225	0.0275	0.0131
1968	0.0198	0.0471	0.2856	0.3735	2.9179	0.9025	0.5715	0.2226	0.0896	0.0247	0.0099	0.0065
1969	0.0066	0.0141	0.0882	13.1832	2.8088	5.1844	8.4939	1.3097	0.4348	0.1620	0.0304	0.0250
1970	0.0365	0.0457	0.1140	9.1488	2.8662	3.7894	2.6425	1.7233	0.2844	0.0767	0.0292	0.0151
1971	0.0189	0.4103	1.6723	14.4365	3.8897	11.4204	6.5695	1.7313	0.7686	0.2140	0.0599	0.0460
1972	0.1657	0.9807	2.3652	9.8379	8.6442	20.9126	6.1612	1.5570	1.4574	0.2528	0.0277	0.0200
1973	0.1319	0.6021	2.4149	2.8267	1.4994	1.9763	8.0658	1.2308	0.2942	0.0329	0.0110	0.0079
1974	0.0145	0.5138	2.2697	6.6540	2.5556	17.6191	8.4761	1.5221	0.4250	0.0810	0.0151	0.0032
1975	0.0121	0.0719	0.4809	1.5693	6.5088	13.9937	14.9658	12.2000	1.5169	0.4991	0.1361	0.1242
1976	1.0930	1.0653	2.9414	3.6826	2.8325	5.4577	8.1259	1.8813	1.0068	0.2738	0.2501	0.2508
1977	0.4160	0.5448	0.4522	0.4927	0.7004	0.5777	0.5775	0.5095	0.2974	0.0668	0.0091	0.0081
1978	0.0115	0.0102	0.7045	2.1956	4.8319	10.9076	9.5055	3.6223	0.5987	0.2844	0.0516	0.0416
1979	0.0447	0.2330	0.4016	4.6748	4.8484	6.4095	3.8406	2.4433	0.1945	0.0443	0.0211	0.0129
1980	0.0247	0.1964	0.6425	2.6571	3.3803	3.4384	2.3518	2.0982	2.6600	0.2494	0.0268	0.0726
1981	0.1130	0.4951	1.4209	0.8614	3.6205	2.5602	4.4241	1.5921	0.7222	0.1246	0.0325	0.0201
1982	0.1140	0.4502	4.4508	2.7510	25.9852	11.0350	15.2108	3.2660	0.8337	0.7585	0.1896	0.1585
STATISTICS FOR 18 YEARS OF DATA												
MIN	0.0051	0.0088	0.0882	0.3735	0.6655	0.5777	0.5715	0.2226	0.0896	0.0247	0.0091	0.0032
MAX	1.0930	1.0653	4.4508	78.3549	25.9852	20.9126	15.2108	12.2000	2.6600	0.7585	0.4988	0.2888
MEAN	0.1524	0.3591	1.2227	8.8147	4.5993	6.8810	6.0532	2.4772	0.8185	0.1973	0.0799	0.0624
S.O.	0.2714	0.3284	1.2167	17.8769	6.3620	6.0358	4.3847	2.7103	0.7068	0.1871	0.1244	0.0668

Table 8.1.4a.--Monthly runoff in inches at Tollgate (Reynolds, Idaho Site 116083).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1967	0.02939	0.08264	0.12732	0.36221	0.29206	0.47787	0.61284	3.85630	2.83970	0.32542	0.05733	0.03147	9.09454
1968	0.06467	0.08138	0.11124	0.10643	0.72544	0.45092	0.52085	0.69534	0.24628	0.02178	0.04128	0.01393	3.07954
1969	0.04383	0.16130	0.15659	1.45183	0.38842	0.68133	3.32721	3.89568	1.16473	0.20050	0.01228	0.01300	11.47070
1970	0.05354	0.07008	0.10138	1.19271	0.55875	0.65743	0.92729	4.07396	1.76371	0.24490	0.02475	0.02970	9.44373
1971	0.07619	0.34701	0.44798	1.59176	0.81906	1.73603	2.75284	4.95460	1.73577	0.36226	0.07228	0.07442	14.98021
1972	0.15986	0.20400	0.27922	1.01507	1.06034	3.90115	2.34001	4.38901	2.52495	0.38822	0.10354	0.08010	16.44547
1973	0.12404	0.14342	0.35971	0.45859	0.20854	0.35662	1.63488	2.22333	0.36969	0.07839	0.00881	0.03458	6.00060
1974	0.07227	0.16917	0.25879	0.85705	0.30765	2.03366	2.46600	3.64766	1.96138	0.38751	0.06302	0.02566	12.74882
1975	0.08132	0.10488	0.12866	0.17580	0.25538	1.00466	1.28492	5.20111	4.01107	0.85836	0.14531	0.06316	13.31460
1976	0.18406	0.17346	0.51325	0.22071	0.27396	0.55175	2.58676	4.08299	0.97013	1.17706	0.08290	0.06377	10.04708
1977	0.08747	0.08876	0.07409	0.07783	0.08180	0.10132	0.35503	4.43939	0.18183	0.02135	0.00065	0.00243	1.51193
1978	0.02411	0.09177	0.39320	0.25565	0.37878	1.83062	3.08588	3.66738	1.19941	0.26260	0.05582	0.06268	11.30788
1979	0.07730	0.08816	0.10362	0.27302	0.32094	0.69676	1.04059	3.26668	0.76510	0.10135	0.02873	0.01111	6.77336
1980	0.05682	0.08084	0.09897	0.42136	0.49948	0.41857	2.19113	2.69050	1.35979	0.21503	0.04216	0.07134	9.14601
1981	0.07622	0.08290	0.21114	0.12919	0.45179	0.40458	1.67346	1.15702	0.34308	0.05006	0.00082	0.00134	4.58162
1982	0.05093	0.17417	1.28306	0.53579	2.84931	1.84786	3.51691	5.28631	2.29984	0.65323	0.18069	0.17565	18.82375

## STATISTICS FOR 16 YEARS OF QATA

MIN	0.02411	0.07008	0.07409	0.07783	0.08180	0.10132	0.35503	0.43939	0.18183	0.02135	0.00065	0.00134	1.51193
MAX	0.18406	0.34701	1.25306	1.59176	2.84931	3.90115	5.20111	5.28631	4.01107	0.85836	0.18069	0.17565	18.82375
MEAN	0.07888	0.13393	0.28864	0.57446	0.59198	1.07195	1.92951	3.34383	1.48353	0.27175	0.05752	0.04714	9.87312
S.O.	0.04366	0.07172	0.29220	0.49277	0.65149	0.97819	1.06650	1.51978	1.06749	0.22898	0.05110	0.04362	4.80594

Table 8.1.4b.--Monthly average flow in cubic feet per second at Tollgate (Reynolds, Idaho Site 116083).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1967	0.5359	1.5570	2.3214	6.6043	5.8957	8.7132	11.5465	70.3131	53.6030	5.9336	1.0452	0.5929
1968	1.1791	1.5333	2.0282	1.9406	14.1393	8.2218	9.5135	11.6783	4.6402	0.3970	0.7527	0.2625
1969	0.7990	3.0391	2.8551	26.4717	7.8410	12.4229	62.6882	70.5571	21.9449	3.6557	0.2240	0.2449
1970	0.9762	1.3205	1.8486	21.7470	11.2794	11.9871	16.4444	74.2822	33.2303	4.4654	0.4513	0.5595
1971	1.3892	6.5380	8.1681	29.0231	16.5344	31.6536	52.0550	90.3389	32.7038	6.6053	1.3180	1.4023
1972	2.9148	3.8437	5.0910	18.5081	20.6669	71.1309	44.0884	80.0262	47.5727	7.0766	1.8880	1.5076
1973	2.2618	2.7021	6.5587	9.3616	4.2097	6.5024	30.8330	40.5397	9.9654	1.4293	0.1607	0.6510
1974	1.3177	3.1886	4.7186	15.5268	6.2106	37.0805	55.8826	66.5089	36.9545	7.0656	1.1490	0.4834
1975	1.4828	1.9761	2.3458	3.2053	5.1554	18.3183	24.2093	94.8335	75.5729	15.6508	2.6494	1.1896
1976	3.3560	3.2682	9.3582	5.2332	5.3396	10.0603	50.6215	74.4465	18.2782	3.2284	1.5116	1.2014
1977	1.5949	1.6723	1.3509	1.4191	1.6513	1.8474	6.6891	8.0115	3.4258	0.3893	0.0118	0.0458
1978	0.4395	1.7290	7.1694	4.6515	7.6463	33.3782	58.1414	66.8586	22.5981	4.7881	1.0178	1.1809
1979	1.4095	1.6510	1.8892	4.9781	6.4787	12.7042	19.6060	59.5625	14.1154	1.8480	0.5238	0.2093
1980	1.0359	1.5232	1.8045	7.6827	9.7354	7.6320	41.2833	49.0568	25.6200	3.9206	0.7688	1.3441
1981	1.3898	1.5619	3.8499	2.3555	9.1201	7.3769	31.5299	21.0963	6.4640	0.9128	0.0149	0.2050
1982	0.9286	3.2815	22.8474	9.7692	57.5187	33.6927	66.2625	96.3871	43.3315	11.9106	3.2947	3.3095

## STATISTICS FOR 16 YEARS OF QATA

MIN	0.4395	1.3205	1.3509	1.4191	1.6513	1.8474	6.6891	8.0115	3.4258	0.3893	0.0118	0.0250
MAX	3.3560	6.5380	22.8474	29.0231	57.5187	71.1309	66.2625	96.3871	75.5729	15.6508	3.2947	3.3095
MEAN	1.4382	2.5235	5.2628	10.4742	11.8389	19.5451	36.3540	60.9691	27.9513	4.9549	1.0489	0.8862
S.O.	0.7961	1.3513	5.3278	8.9848	13.1206	17.8357	20.0940	27.7107	20.1126	4.1751	0.9317	0.8616

Table B.1.5a.--Monthly runoff in inches at Lower Sheep Creek (Reynolds, Idaho Site 117066).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1968	0.00000	0.00000	0.00142	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00142
1969	0.00000	0.00000	0.00000	0.25058	0.00306	0.24427	0.01799	0.00000	0.00000	0.00000	0.00000	0.00000	0.51590
1970	0.00000	0.00000	0.00000	0.01438	0.00120	0.00742	0.00072	0.00000	0.00000	0.00000	0.00000	0.00000	0.02372
1971	0.00000	0.00000	0.00000	0.16383	0.00922	0.13735	0.00042	0.00000	0.00000	0.00000	0.00000	0.00000	0.31082
1972	0.00000	0.00000	0.00319	0.52977	0.23223	0.13753	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.90872
1973	0.00000	0.00000	0.00000	0.00021	0.00000	0.00000	0.01404	0.00000	0.00000	0.00000	0.00000	0.00000	0.01426
1974	0.00000	0.00000	0.00000	0.06264	0.00070	0.18781	0.00651	0.00000	0.00000	0.00000	0.00000	0.00000	0.25767
1975	0.00000	0.00000	0.00000	0.07597	0.55046	0.08112	0.02169	0.00000	0.00000	0.00000	0.00000	0.00000	0.72924
1976	0.00000	0.00000	0.00000	0.00292	0.16613	0.32831	0.05468	0.00000	0.00000	0.00000	0.00000	0.00000	0.55204
1977	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1978	0.00000	0.00000	0.00000	0.00060	0.04498	0.07682	0.03115	0.00011	0.00000	0.00000	0.00000	0.00000	0.15765
1979	0.00000	0.00000	0.00000	0.21755	0.07573	0.04631	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.33959
1980	0.00000	0.00000	0.00000	0.00478	0.00369	0.00190	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01038
1981	0.00000	0.00000	0.00000	0.00000	0.00666	0.00000	0.00250	0.00000	0.00000	0.00000	0.00000	0.00000	0.00916
1982	0.00000	0.00000	0.00075	0.00000	0.32450	0.05144	0.02534	0.00000	0.00000	0.00000	0.00000	0.00000	0.40203
STATISTICS FOR 15 YEARS OF DATA													
MIN	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
MAX	0.00000	0.00000	0.00319	0.52977	0.55046	0.32831	0.05468	0.00011	0.00000	0.00000	0.00000	0.00000	0.90872
MEAN	0.00000	0.00000	0.00036	0.08822	0.09497	0.06882	0.01180	0.00001	0.00000	0.00000	0.00000	0.00000	0.22217
S.O.	0.00000	0.00000	0.00088	0.14900	0.16153	0.10180	0.01622	0.00003	0.00000	0.00000	0.00000	0.00000	0.29276

Table B.1.5b.--Monthly average flow in cubic feet per second at Lower Sheep Creek (Reynolds, Idaho Site 117066).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1968	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1969	0.0000	0.0000	0.0000	0.0112	0.0001	0.0109	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000
1970	0.0000	0.0000	0.0000	0.0006	0.0001	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1971	0.0000	0.0000	0.0000	0.0073	0.0005	0.0061	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1972	0.0000	0.0000	0.0001	0.0237	0.0114	0.0062	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1973	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
1974	0.0000	0.0000	0.0000	0.0028	0.0000	0.0084	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
1975	0.0000	0.0000	0.0000	0.0034	0.0273	0.0036	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000
1976	0.0000	0.0000	0.0000	0.0000	0.0001	0.0079	0.0147	0.0025	0.0000	0.0000	0.0000	0.0000
1977	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1978	0.0000	0.0000	0.0000	0.0000	0.0022	0.0035	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000
1979	0.0000	0.0000	0.0000	0.0097	0.0038	0.0021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1980	0.0000	0.0000	0.0000	0.0002	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1981	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
1982	0.0000	0.0000	0.0000	0.0000	0.0161	0.0023	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000
STATISTICS FOR 15 YEARS OF DATA												
MIN	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MAX	0.0000	0.0000	0.0001	0.0237	0.0273	0.0147	0.0025	0.0000	0.0000	0.0000	0.0000	0.0000
MEAN	0.0000	0.0000	0.0000	0.0039	0.0047	0.0039	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
S.O.	0.0000	0.0000	0.0000	0.0067	0.0080	0.0046	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000

Table B.1.6a.--Monthly runoff in inches at Reynolds Mountain East Basin (Reynolds, Idaho Site 166076).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1964	0.12681	0.47947	0.19477	0.19477	0.19221	0.19540	1.79998	10.45782	6.38284	0.74097	0.12492	0.14302	21.02298
1965	0.15195	0.20345	0.31184	0.15407	1.51829	0.75877	7.65523	12.37813	6.35488	0.72533	0.26075	0.20305	34.66863
1966	0.19811	0.23813	0.11252	0.20639	0.15923	0.41555	3.15259	4.44604	0.69360	0.15407	0.05562	0.02965	9.86209
1967	0.04910	0.13221	0.14791	0.13068	0.13377	0.18134	0.21126	10.99730	8.19013	0.65785	0.09507	0.07456	21.00895
1968	0.10637	0.14752	0.15228	0.14046	0.62973	0.99001	1.96859	1.90515	0.48437	0.06528	0.09230	0.03934	6.72162
1969	0.07293	0.28178	0.14390	0.22998	0.14652	0.21647	4.67790	12.36557	3.92099	0.27876	0.04504	0.03359	22.43152
1970	0.07333	0.07681	0.07420	0.30248	0.18830	0.21367	0.56226	12.94133	5.05024	0.35583	0.04567	0.06538	20.19590
1971	0.10784	0.60654	0.32962	0.16580	0.90450	0.80877	3.04156	17.10032	5.55715	0.70125	0.13302	0.06619	31.06364
1972	0.31819	0.22595	0.24088	0.19605	0.28607	2.48680	3.77334	15.51216	9.11654	1.06454	0.15895	0.13017	33.50964
1973	0.21046	0.26291	0.32768	0.32786	0.18840	0.20246	2.90237	7.83299	0.75358	1.40021	0.05215	0.04746	13.24854
1974	0.10343	0.25097	0.20167	0.53366	0.26321	0.81544	3.48440	12.37100	7.77485	0.70674	0.08957	0.04474	26.63968
1975	0.11682	0.15226	0.17109	0.21835	0.17671	0.27336	0.25546	9.99148	13.91587	2.32134	0.23459	0.10458	27.93192
1976	0.28835	0.36139	0.66458	0.34238	0.24580	0.25211	3.03493	13.60403	2.90719	0.34414	0.17456	0.13565	22.35682
1977	0.15774	0.15383	0.05991	0.07713	0.09661	0.14113	1.41440	1.03123	0.28038	0.03066	0.00000	0.00036	3.44338
1978	0.03468	0.18217	0.61655	0.27372	0.21922	1.67847	5.02094	11.73122	3.17309	0.42255	0.04053	0.09913	23.49227
1979	0.12929	0.12878	0.15588	0.19894	0.14771	0.27625	1.62125	10.01536	2.21289	0.18588	0.09572	0.05339	15.22135
1980	0.17934	0.17254	0.17144	0.27701	0.21884	0.22159	5.33582	8.40342	3.20851	0.40388	0.08404	0.13204	18.80347
1981	0.14356	0.13326	0.32014	0.18824	0.43804	0.48843	5.02156	2.46297	0.64008	0.08485	0.00105	0.00075	9.94294
1982	0.09229	0.26734	0.17249	0.39057	1.61450	1.32335	4.21612	13.92582	7.01586	1.74321	0.20289	0.17985	32.04448

## STATISTICS FOR 19 YEARS OF DATA

MIN	0.03468	0.07681	0.05991	0.07713	0.09661	0.14113	0.21126	1.03123	0.28038	0.03066	0.00000	0.00036	3.44338
MAX	0.31819	0.60654	0.31184	0.15580	1.61450	2.48680	7.65523	17.10032	13.91587	2.32134	0.26075	0.20305	34.66863
MEAN	0.14003	0.23461	0.43558	0.39523	0.41081	0.62839	3.11315	9.97334	4.61227	0.58723	0.10455	0.08436	20.71955
S.D.	0.07417	0.13000	0.69592	0.43759	0.45407	0.62470	1.94920	4.59151	3.63390	0.59090	0.07413	0.05786	9.18378

Table B.1.6b.--Monthly average flow in cubic feet per second at Reynolds Mtn. East (Reynolds, Idaho Site 166076).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1964	0.0172	0.0672	0.0264	0.0264	0.0264	0.0265	0.2521	1.4174	0.8939	0.1004	0.0169	0.0200
1965	0.0206	0.0285	0.4227	0.2088	0.2278	0.1028	1.0721	1.6776	0.8900	0.0983	0.0354	0.0285
1966	0.0269	0.0334	0.0153	0.0281	0.0239	0.0563	0.4415	0.6026	0.0971	0.0209	0.0075	0.0042
1967	0.0067	0.0185	0.0201	0.0188	0.0201	0.0246	0.0296	1.4905	1.1470	0.0892	0.0129	0.0104
1968	0.0144	0.0207	0.0206	0.0191	0.0912	0.1342	0.2757	0.2582	0.0578	0.0089	0.0125	0.0055
1969	0.0099	0.0395	0.0195	0.0312	0.0247	0.0294	0.6552	1.6760	0.5491	0.0378	0.0061	0.0047
1970	0.0099	0.0108	0.0101	0.0518	0.0283	0.0290	0.0788	1.7540	0.7073	0.0523	0.0062	0.0092
1971	0.0146	0.0850	0.0447	0.2246	0.1402	0.1096	0.4260	2.3177	0.7783	0.0950	0.0180	0.0121
1972	0.0431	0.0317	0.0327	0.0266	0.0414	0.3370	0.5285	2.1024	1.2768	0.1443	0.0215	0.0182
1973	0.0285	0.0368	0.0444	0.0444	0.0283	0.0274	0.4065	1.0616	0.1055	0.0190	0.0071	0.0067
1974	0.0140	0.0352	0.0273	0.0723	0.0395	0.1105	0.4880	1.6767	1.0889	0.0958	0.0121	0.0063
1975	0.0158	0.0213	0.0232	0.0296	0.0265	0.0371	0.0358	1.3542	1.9489	0.3146	0.0318	0.0147
1976	0.0391	0.0506	0.0901	0.0464	0.0356	0.0342	0.4250	1.8438	0.4072	0.0466	0.0237	0.0190
1977	0.0214	0.0215	0.0081	0.0105	0.0145	0.0191	0.1981	0.1398	0.0393	0.0042	0.0000	0.0001
1978	0.0047	0.0255	0.0836	0.0371	0.0329	0.2275	0.7032	1.5900	0.4444	0.0573	0.0055	0.0139
1979	0.0175	0.0181	0.0211	0.0270	0.0222	0.0374	0.2271	1.3574	0.3099	0.0252	0.0130	0.0075
1980	0.0243	0.0242	0.0232	0.0369	0.0317	0.0300	0.7473	1.1390	0.4483	0.0547	0.0114	0.0185
1981	0.0194	0.0187	0.0434	0.0255	0.0657	0.0662	0.7033	0.3365	0.0896	0.0115	0.0001	0.0001
1982	0.0125	0.0375	0.1454	0.0529	0.2423	0.1794	0.5905	1.8874	0.9826	0.2363	0.0275	0.0252

## STATISTICS FOR 19 YEARS OF DATA

MIN	0.0047	0.0108	0.0081	0.0105	0.0145	0.0191	0.0296	0.1398	0.0393	0.0042	0.0000	0.0001
MAX	0.0431	0.0850	0.4227	0.2246	0.2423	0.3370	1.0721	2.3177	1.9489	0.3146	0.0354	0.0285
MEAN	0.0190	0.0329	0.0590	0.0536	0.0612	0.0852	0.4360	1.3517	0.6459	0.0796	0.0142	0.0125
S.D.	0.0101	0.0182	0.0943	0.0593	0.0681	0.0847	0.2730	0.6223	0.5089	0.0801	0.0101	0.0081

Table 8.2.1a.--Daily, monthly, and yearly average runoff in inches for the period 10/1/63 to 9/30/82 at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.00056	0.00093	0.00286	0.00386	0.01099	0.01212	0.02040	0.02044	0.01688	0.00404	0.00069	0.00052	1
2	0.00056	0.00092	0.00272	0.00389	0.00927	0.02042	0.01918	0.02057	0.01657	0.00413	0.00074	0.00051	2
3	0.00057	0.00091	0.00249	0.00356	0.00887	0.01605	0.01748	0.02068	0.01595	0.00378	0.00128	0.00048	3
4	0.00058	0.00095	0.00232	0.00377	0.00848	0.01195	0.01779	0.02009	0.01482	0.00327	0.00084	0.00047	4
5	0.00060	0.00098	0.00261	0.00400	0.00776	0.01334	0.01925	0.01997	0.01484	0.00307	0.00076	0.00048	5
6	0.00064	0.00102	0.00458	0.00545	0.00722	0.01578	0.01850	0.02129	0.01560	0.00286	0.00071	0.00046	6
7	0.00072	0.00110	0.00325	0.00462	0.00842	0.01324	0.01701	0.02122	0.01541	0.00249	0.00068	0.00045	7
8	0.00062	0.00131	0.00354	0.00520	0.00716	0.01276	0.01737	0.02119	0.01480	0.00236	0.00070	0.00046	8
9	0.00063	0.00149	0.00307	0.00567	0.00700	0.01238	0.01848	0.02275	0.01437	0.00232	0.00072	0.00046	9
10	0.00064	0.00137	0.00369	0.00555	0.00703	0.01348	0.01859	0.02368	0.01384	0.00222	0.00068	0.00046	10
11	0.00065	0.00125	0.00340	0.00506	0.00715	0.01361	0.02365	0.02280	0.01327	0.00206	0.00085	0.00055	11
12	0.00068	0.00136	0.00255	0.00742	0.00692	0.01511	0.01993	0.02109	0.01149	0.00187	0.00050	0.00050	12
13	0.00067	0.00125	0.00240	0.00822	0.01124	0.01487	0.01862	0.02146	0.01072	0.00171	0.00072	0.00051	13
14	0.00068	0.00132	0.00285	0.00874	0.02031	0.01421	0.02067	0.02264	0.01020	0.00164	0.00077	0.00052	14
15	0.00073	0.00136	0.00459	0.00921	0.02146	0.01535	0.01887	0.02308	0.00966	0.00148	0.00065	0.00048	15
16	0.00076	0.00136	0.00299	0.00927	0.02572	0.01522	0.01827	0.02322	0.00915	0.00139	0.00062	0.00052	16
17	0.00083	0.00136	0.00353	0.01018	0.01570	0.01749	0.01928	0.02311	0.00878	0.00130	0.00077	0.00051	17
18	0.00081	0.00149	0.00364	0.02127	0.01252	0.01758	0.01780	0.02286	0.00855	0.00124	0.00065	0.00051	18
19	0.00087	0.00141	0.00723	0.01857	0.01723	0.01679	0.01894	0.02201	0.00822	0.00117	0.00065	0.00053	19
20	0.00101	0.00139	0.00915	0.01918	0.01823	0.01535	0.02157	0.02057	0.00723	0.00109	0.00089	0.00056	20
21	0.00090	0.00137	0.00634	0.02657	0.01962	0.01534	0.02123	0.01976	0.00694	0.00135	0.00075	0.00058	21
22	0.00099	0.00146	0.01713	0.02244	0.01469	0.01873	0.02167	0.02007	0.00668	0.00136	0.00134	0.00059	22
23	0.00092	0.00155	0.02502	0.01718	0.01277	0.01999	0.02165	0.02411	0.00625	0.00104	0.00095	0.00058	23
24	0.00092	0.00252	0.01051	0.01450	0.01050	0.01720	0.02142	0.02159	0.00602	0.00094	0.00066	0.00059	24
25	0.00094	0.00257	0.00947	0.01291	0.00946	0.01830	0.02020	0.01962	0.00605	0.00089	0.00062	0.00057	25
26	0.00171	0.00293	0.00815	0.01162	0.00983	0.01967	0.02386	0.01895	0.00576	0.00081	0.00059	0.00053	26
27	0.00109	0.00293	0.00664	0.01561	0.01127	0.01687	0.02317	0.01909	0.00514	0.00087	0.00059	0.00051	27
28	0.00100	0.00216	0.00575	0.02245	0.02455	0.01828	0.02465	0.02000	0.00500	0.00080	0.00057	0.00049	28
29	0.00107	0.00221	0.00529	0.02343	0.00457	0.01802	0.02212	0.01754	0.00454	0.00074	0.00061	0.00052	29
30	0.00099	0.00251	0.00494	0.02260	0.00000	0.02006	0.02058	0.01732	0.00400	0.00069	0.00055	0.00060	30
31	0.00095	0.00000	0.00439	0.01627	0.00000	0.02034	0.00000	0.01732	0.00000	0.00067	0.00055	0.00000	31
MONTHLY	0.02531	0.04697	0.18329	0.38474	0.35342	0.49520	0.59823	0.64462	0.30679	0.05575	0.02285	0.01550	
YEARLY -		3.13668											

Table B.2.1b.--Daily, monthly, and yearly average flows in cfs for the period 10/1/63 to 9/30/82 at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	1.364	2.265	6.941	9.355	26.658	29.399	49.500	49.603	40.956	9.812	1.678	1.257	1
2	1.368	2.221	6.610	9.444	22.488	49.541	46.533	49.925	40.199	10.026	1.792	1.238	2
3	1.391	2.207	6.046	8.630	21.518	38.939	42.413	50.180	38.700	9.168	3.106	1.169	3
4	1.409	2.308	5.525	9.146	20.576	28.128	43.160	48.750	35.950	8.606	2.032	1.150	4
5	1.462	2.385	6.814	11.647	18.840	32.364	46.722	48.447	36.009	7.445	1.833	1.171	5
6	1.543	2.484	11.115	13.231	17.520	38.281	44.887	51.667	37.849	6.935	1.724	1.111	6
7	1.753	2.673	7.886	11.690	20.428	32.118	41.273	51.495	37.382	6.047	1.662	1.099	7
8	1.512	3.178	8.599	12.617	17.362	30.967	42.155	51.414	35.924	5.736	1.704	1.115	8
9	1.522	3.623	7.442	13.759	16.980	30.165	44.854	50.195	34.858	5.308	1.744	1.120	9
10	1.547	3.319	8.046	13.457	17.052	32.709	45.118	57.461	33.590	5.838	1.657	1.117	10
11	1.579	3.025	8.240	16.542	17.362	33.015	57.400	55.330	32.196	5.006	2.064	1.324	11
12	1.656	3.052	6.194	18.008	16.794	36.666	48.357	51.176	27.879	4.543	1.710	1.219	12
13	1.621	3.033	5.631	19.947	27.279	36.079	45.164	52.067	26.612	4.159	1.750	1.232	13
14	1.657	3.212	6.911	21.220	49.291	34.487	50.152	54.936	24.752	3.974	1.875	1.273	14
15	1.770	3.254	11.126	22.357	52.066	37.248	45.798	56.011	23.430	3.600	1.575	1.172	15
16	1.848	3.294	7.262	22.489	62.403	36.923	44.324	56.355	22.196	3.361	1.496	1.274	16
17	2.011	3.311	8.564	25.857	38.090	42.451	46.792	56.179	21.310	3.150	1.860	1.236	17
18	1.964	3.425	8.841	51.601	30.389	42.668	43.192	55.464	20.736	3.020	1.566	1.243	18
19	2.113	3.412	17.546	45.051	41.808	40.749	45.957	53.401	19.937	2.851	1.568	1.285	19
20	2.440	3.380	22.212	46.547	44.228	37.255	52.335	49.903	17.555	2.634	2.169	1.365	20
21	2.180	3.320	15.374	64.471	47.605	37.235	51.522	47.956	16.848	3.265	1.820	1.418	21
22	2.413	3.547	41.567	54.455	35.640	40.596	52.579	48.689	16.219	3.290	2.357	1.423	22
23	2.243	3.781	60.703	41.684	30.994	46.801	52.532	58.515	15.173	2.523	2.300	1.402	23
24	2.227	6.111	40.053	36.161	25.487	41.742	51.965	52.384	14.600	2.293	1.607	1.427	24
25	2.289	7.205	22.989	31.319	22.951	44.414	45.019	47.617	14.678	2.170	1.508	1.372	25
26	4.156	7.106	19.785	28.208	23.862	47.737	57.896	45.981	13.971	2.202	1.424	1.287	26
27	2.651	7.118	16.123	37.872	27.338	40.934	56.227	46.327	12.474	2.112	1.433	1.234	27
28	2.433	5.246	13.951	55.669	48.892	39.502	52.610	44.866	12.128	1.926	1.381	1.191	28
29	2.585	5.356	12.625	56.848	59.615	43.734	51.250	42.550	11.027	1.786	1.477	1.256	29
30	2.401	6.082	11.978	54.837	0.000	48.675	45.935	42.038	9.914	1.672	1.396	1.256	30
31	2.308	0.000	10.663	39.474	0.000	49.362	0.000	42.028	0.000	1.633	1.342	0.000	31
MONTHLY	1.981	3.799	14.347	30.116	30.343	38.763	48.388	50.771	24.815	4.364	1.789	1.254	
YEARLY -		20.894											



Table B.2.2a.--Daily, monthly, and yearly average runoff in inches for the period 10/1/64 to 9/30/82 at Salmon Creek (Reynolds, Idaho Site 046017).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.00079	0.00167	0.00516	0.00559	0.01496	0.01627	0.01781	0.01353	0.00672	0.00192	0.00028	0.00035	1
2	0.00082	0.00166	0.00466	0.00566	0.01342	0.02692	0.01700	0.01261	0.00690	0.00186	0.00036	0.00034	2
3	0.00067	0.00165	0.00467	0.00530	0.01322	0.02044	0.01585	0.01227	0.00645	0.00168	0.00095	0.00034	3
4	0.00087	0.00170	0.00442	0.00524	0.01237	0.01588	0.01525	0.01176	0.00612	0.00158	0.00050	0.00033	4
5	0.00088	0.00170	0.00585	0.00505	0.01220	0.01647	0.01536	0.01146	0.00554	0.00146	0.00039	0.00036	5
6	0.00092	0.00175	0.00871	0.00621	0.01203	0.01927	0.01558	0.01135	0.00606	0.00146	0.00034	0.00036	6
7	0.00102	0.00183	0.00601	0.00578	0.01422	0.01798	0.01529	0.01114	0.00551	0.00136	0.00031	0.00037	7
8	0.00091	0.00196	0.00601	0.00666	0.01030	0.01677	0.01519	0.01078	0.00589	0.00124	0.00026	0.00038	8
9	0.00092	0.00191	0.00539	0.00726	0.00941	0.01587	0.01577	0.01131	0.00666	0.00120	0.00023	0.00036	9
10	0.00097	0.00198	0.00766	0.00815	0.00884	0.01574	0.01576	0.01223	0.00575	0.00102	0.00021	0.00038	10
11	0.00096	0.00199	0.00667	0.01949	0.00932	0.01579	0.01876	0.01209	0.00593	0.00107	0.00023	0.00041	11
12	0.00099	0.00204	0.00488	0.01069	0.00894	0.01649	0.01874	0.01122	0.00518	0.00096	0.00028	0.00039	12
13	0.00101	0.00197	0.00447	0.01039	0.01224	0.01675	0.01873	0.01050	0.00481	0.00087	0.00025	0.00043	13
14	0.00105	0.00208	0.00461	0.01078	0.01907	0.01678	0.02252	0.00984	0.00433	0.00075	0.00025	0.00052	14
15	0.00114	0.00202	0.00590	0.01270	0.02141	0.01770	0.01934	0.00916	0.00393	0.00073	0.00024	0.00046	15
16	0.00117	0.00218	0.00493	0.01324	0.02556	0.01764	0.01786	0.00863	0.00375	0.00071	0.00023	0.00056	16
17	0.00125	0.00209	0.00491	0.02314	0.02015	0.01915	0.01795	0.00777	0.00348	0.00066	0.00022	0.00050	17
18	0.00120	0.00221	0.00503	0.03424	0.01700	0.01932	0.01712	0.00744	0.00337	0.00061	0.00024	0.00054	18
19	0.00130	0.00231	0.00805	0.02672	0.02041	0.01951	0.01722	0.00719	0.00326	0.00059	0.00021	0.00056	19
20	0.00132	0.00221	0.01155	0.03083	0.02201	0.01792	0.02042	0.00694	0.00295	0.00050	0.00034	0.00057	20
21	0.00131	0.00216	0.00950	0.02422	0.02196	0.01706	0.01929	0.00642	0.00285	0.00045	0.00034	0.00056	21
22	0.00158	0.00248	0.01671	0.03332	0.01819	0.01778	0.01764	0.00645	0.00263	0.00057	0.00035	0.00053	22
23	0.00151	0.00261	0.01968	0.02339	0.01670	0.02109	0.01693	0.01481	0.00257	0.00049	0.00049	0.00052	23
24	0.00153	0.00349	0.01422	0.01947	0.01413	0.02020	0.01638	0.01410	0.00268	0.00048	0.00089	0.00055	24
25	0.00165	0.00392	0.01227	0.01625	0.01273	0.02291	0.01573	0.00949	0.00254	0.00045	0.00058	0.00058	25
26	0.00356	0.00532	0.00980	0.01387	0.01273	0.02258	0.02004	0.00833	0.00255	0.00042	0.00058	0.00058	26
27	0.00201	0.00525	0.00892	0.02204	0.01319	0.02166	0.01656	0.00766	0.00249	0.00040	0.00043	0.00064	27
28	0.00188	0.00398	0.00767	0.08101	0.02254	0.01998	0.01976	0.00772	0.00245	0.00039	0.00039	0.00065	28
29	0.00185	0.00402	0.00712	0.09003	0.03747	0.01911	0.01696	0.00735	0.00220	0.00033	0.00042	0.00073	29
30	0.00173	0.00413	0.00662	0.08617	0.00000	0.01922	0.01513	0.00676	0.00204	0.00030	0.00038	0.00084	30
31	0.00167	0.00000	0.00579	0.07194	0.00000	0.01862	0.00000	0.00638	0.00000	0.00032	0.00035	0.00000	31
MONTHLY	0.04063	0.07611	0.23735	0.75327	0.43816	0.57919	0.52915	0.30477	0.12761	0.02712	0.01884	0.01468	
YEARLY -		3.14687											

Table B.2.2b.--Daily, monthly, and yearly average flows in cfs for the period 10/1/64 to 9/30/82 at Salmon Creek (Reynolds, Idaho Site 046017).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.297	0.632	1.950	2.111	5.651	6.146	6.729	5.112	2.538	0.724	0.108	0.131	1
2	0.308	0.626	1.760	2.138	5.067	10.167	6.422	4.762	2.608	0.703	0.138	0.130	2
3	0.329	0.625	1.764	2.001	4.994	7.721	5.907	4.636	2.436	0.633	0.359	0.127	3
4	0.330	0.643	1.669	1.979	4.672	5.997	5.761	4.442	2.311	0.597	0.188	0.124	4
5	0.331	0.641	2.210	2.286	4.610	6.223	5.803	4.329	2.094	0.553	0.148	0.136	5
6	0.346	0.663	3.289	2.346	4.543	7.279	5.886	4.288	2.288	0.553	0.130	0.131	6
7	0.385	0.692	2.629	2.185	4.570	6.792	5.774	4.207	2.081	0.518	0.116	0.139	7
8	0.345	0.700	2.270	2.517	3.890	6.333	5.737	4.072	2.223	0.470	0.100	0.145	8
9	0.346	0.723	2.038	2.744	3.552	5.993	5.955	4.272	2.514	0.453	0.087	0.135	9
10	0.365	0.746	2.696	3.080	3.338	5.946	5.954	4.639	2.171	0.407	0.081	0.130	10
11	0.363	0.753	2.518	7.361	3.520	5.963	7.086	4.567	2.241	0.405	0.088	0.154	11
12	0.375	0.769	1.843	4.039	3.377	6.229	7.077	4.239	1.957	0.364	0.107	0.149	12
13	0.381	1.135	2.689	3.924	4.625	6.328	7.074	3.967	1.817	0.330	0.094	0.163	13
14	0.398	0.785	1.743	4.073	7.204	6.339	8.507	3.718	1.637	0.289	0.093	0.196	14
15	0.432	0.761	2.191	4.797	8.088	6.685	7.305	3.460	1.486	0.275	0.090	0.176	15
16	0.442	0.824	1.823	5.003	9.654	6.665	6.745	3.261	1.418	0.268	0.087	0.212	16
17	0.472	0.790	1.854	8.740	7.609	7.234	6.781	2.934	1.315	0.248	0.084	0.188	17
18	0.463	0.835	1.902	12.932	6.421	7.898	6.466	2.811	1.272	0.230	0.089	0.203	18
19	0.490	0.873	3.039	10.994	7.709	7.370	6.505	2.716	1.233	0.222	0.119	0.212	19
20	0.497	0.836	4.362	11.044	8.314	6.770	7.712	2.623	1.116	0.191	0.130	0.217	20
21	0.495	0.817	3.211	16.100	8.296	6.444	7.286	2.425	1.076	0.247	0.160	0.211	21
22	0.596	0.938	6.313	12.587	7.097	6.715	6.664	2.438	0.995	0.214	0.132	0.202	22
23	0.570	0.984	7.433	8.636	6.309	7.865	6.394	2.594	0.971	0.186	0.149	0.247	23
24	0.576	1.319	5.599	7.355	5.335	7.632	6.187	5.324	1.012	0.180	0.337	0.208	24
25	0.623	1.482	4.635	5.759	4.809	8.655	5.941	3.586	0.968	0.170	0.218	0.220	25
26	1.345	2.010	3.702	5.239	4.807	8.642	7.570	3.146	0.967	0.160	0.181	0.232	26
27	0.761	1.916	3.328	8.326	4.980	8.180	8.975	2.895	0.940	0.152	0.161	0.241	27
28	0.709	1.501	2.898	30.599	8.514	7.547	7.465	2.915	0.926	0.148	0.159	0.275	28
29	0.700	1.517	2.690	34.907	14.153	7.220	6.405	2.774	0.833	0.123	0.142	0.317	29
30	0.652	1.560	2.501	32.549	0.000	7.260	5.716	2.553	0.771	0.113	0.142	0.317	30
31	0.631	0.000	2.188	27.174	0.000	7.033	0.000	2.411	0.000	0.121	0.134	0.000	31
MONTHLY	0.495	0.958	2.892	9.178	5.864	7.057	6.662	3.713	1.607	0.330	0.230	0.185	
YEARLY -		3.264											

Table 8.2.3a---Daily, monthly, and yearly average runoff in inches for the period 10/1/64 to 9/30/82 at Macks Creek (Reynolds, Idaho Site 046084).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.00020	0.00066	0.00259	0.00393	0.04069	0.01743	0.01917	0.01272	0.00346	0.00113	0.00024	0.00014	1
2	0.00021	0.00063	0.00236	0.00387	0.01151	0.02909	0.01849	0.01228	0.00375	0.00119	0.00037	0.00014	2
3	0.00021	0.00064	0.00226	0.00348	0.01229	0.01965	0.01707	0.01197	0.00370	0.00107	0.00037	0.00015	3
4	0.00021	0.00069	0.00214	0.00346	0.01086	0.01607	0.01668	0.01115	0.00348	0.00095	0.00024	0.00014	4
5	0.00021	0.00067	0.00304	0.00461	0.00975	0.02095	0.01655	0.01059	0.00323	0.00089	0.00022	0.00014	5
6	0.00026	0.00065	0.00708	0.00467	0.00960	0.02465	0.01676	0.00979	0.00355	0.00084	0.00022	0.00015	6
7	0.00043	0.00072	0.00383	0.00368	0.01090	0.01995	0.01636	0.00895	0.00304	0.00082	0.00022	0.00014	7
8	0.00030	0.00073	0.00386	0.00380	0.00898	0.01850	0.01665	0.00855	0.00355	0.00079	0.00022	0.00016	8
9	0.00027	0.00073	0.00304	0.00653	0.00842	0.01704	0.01822	0.00966	0.00450	0.00072	0.00019	0.00014	9
10	0.00027	0.00076	0.00253	0.00798	0.00816	0.01670	0.01809	0.01026	0.00351	0.00064	0.00017	0.00014	10
11	0.00030	0.00077	0.00239	0.01110	0.00962	0.01707	0.02413	0.00959	0.00395	0.00060	0.00016	0.00018	11
12	0.00035	0.00088	0.00222	0.00901	0.00966	0.02061	0.02159	0.00853	0.00268	0.00057	0.00015	0.00017	12
13	0.00035	0.00091	0.00212	0.01025	0.01833	0.01864	0.02206	0.00805	0.00258	0.00054	0.00022	0.00020	13
14	0.00034	0.01012	0.00228	0.01055	0.02902	0.01919	0.02488	0.00777	0.00238	0.00052	0.00015	0.00022	14
15	0.00035	0.00098	0.00359	0.01465	0.02507	0.02103	0.02017	0.00744	0.00221	0.00050	0.00015	0.00020	15
16	0.00035	0.01012	0.00281	0.01274	0.02507	0.01985	0.02007	0.00706	0.00212	0.00047	0.00015	0.00024	16
17	0.00037	0.00096	0.00374	0.02612	0.01849	0.02299	0.01961	0.00650	0.00187	0.00047	0.00015	0.00022	17
18	0.00037	0.00101	0.00378	0.03849	0.01602	0.02336	0.01731	0.00595	0.00217	0.00047	0.00016	0.00022	18
19	0.00040	0.00105	0.00618	0.02475	0.02091	0.02389	0.01691	0.00562	0.00186	0.00044	0.00017	0.00022	19
20	0.00044	0.00103	0.00938	0.02920	0.02157	0.02051	0.01920	0.00525	0.00176	0.00042	0.00020	0.00021	20
21	0.00041	0.00100	0.00524	0.04296	0.02130	0.01955	0.01862	0.00475	0.00175	0.00104	0.00021	0.00021	21
22	0.00060	0.00119	0.01413	0.03987	0.01740	0.02121	0.01726	0.00431	0.00166	0.00065	0.00022	0.00021	22
23	0.00049	0.00117	0.00357	0.01975	0.01574	0.02615	0.01652	0.00747	0.00162	0.00044	0.00081	0.00021	23
24	0.00046	0.00153	0.00407	0.02094	0.01282	0.02197	0.01601	0.00765	0.00165	0.00039	0.00026	0.00021	24
25	0.00059	0.00202	0.00519	0.01485	0.01174	0.02626	0.01572	0.00538	0.00174	0.00035	0.00020	0.00021	25
26	0.00216	0.00216	0.00383	0.01432	0.01285	0.02405	0.01964	0.00532	0.00178	0.00032	0.00019	0.00022	26
27	0.00080	0.00180	0.00243	0.02148	0.01760	0.02087	0.01227	0.00493	0.00169	0.00039	0.00012	0.00022	27
28	0.00067	0.00159	0.00336	0.09352	0.03084	0.01190	0.01726	0.00455	0.00154	0.00027	0.00018	0.00023	28
29	0.00064	0.00162	0.00336	0.11349	0.03468	0.01996	0.01507	0.00400	0.00133	0.00025	0.00017	0.00022	29
30	0.00065	0.00200	0.00305	0.11492	0.00000	0.02056	0.01353	0.00359	0.00123	0.00024	0.00017	0.00022	30
31	0.00066	0.00000	0.00432	0.09471	0.00000	0.01982	0.00000	0.00344	0.00000	0.00026	0.00015	0.00000	31
MONTHLY	0.01434	0.03268	0.11498	0.82892	0.47010	0.64708	0.55087	0.23295	0.07448	0.01855	0.00752	0.00568	
YEARLY -		2.99813											

Table 8.2.3b---Daily, monthly, and yearly average flows in cfs for the period 10/1/64 to 9/30/82 at Macks Creek (Reynolds, Idaho Site 046084).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.065	0.216	0.853	1.296	13.415	5.747	6.321	4.192	1.141	0.373	0.078	0.047	1
2	0.068	0.205	0.778	1.276	3.793	5.591	6.096	4.049	1.236	0.391	0.122	0.048	2
3	0.070	0.211	0.743	1.148	4.050	6.477	5.628	3.946	1.221	0.354	0.122	0.048	3
4	0.070	0.226	0.707	1.140	3.580	5.296	5.498	3.677	1.147	0.314	0.080	0.048	4
5	0.069	0.222	1.003	1.521	3.214	6.872	5.456	3.491	1.066	0.294	0.074	0.048	5
6	0.085	0.218	2.333	1.539	3.166	6.126	5.525	3.227	1.172	0.276	0.073	0.048	6
7	0.142	0.237	1.264	1.278	3.595	6.577	5.393	2.917	1.004	0.269	0.071	0.048	7
8	0.099	0.242	1.271	1.907	2.967	5.087	5.488	2.819	1.169	0.252	0.072	0.052	8
9	0.090	0.239	1.003	2.152	2.776	5.618	6.007	3.184	1.483	0.238	0.062	0.047	9
10	0.089	0.251	0.834	2.630	2.691	5.505	5.964	3.381	1.157	0.210	0.056	0.045	10
11	0.100	0.260	0.789	6.957	3.170	5.627	7.954	3.161	1.072	0.198	0.052	0.058	11
12	0.116	0.291	0.730	2.969	3.186	6.793	7.117	2.812	0.883	0.189	0.051	0.056	12
13	0.115	0.301	0.700	3.378	6.043	6.146	7.273	2.652	0.851	0.179	0.072	0.066	13
14	0.111	0.335	0.753	3.478	9.565	6.327	8.200	2.562	0.786	0.171	0.050	0.072	14
15	0.116	0.322	1.183	4.828	8.265	6.933	6.650	2.452	0.727	0.165	0.051	0.067	15
16	0.116	0.336	0.925	4.200	8.264	6.543	6.615	2.326	0.700	0.155	0.051	0.081	16
17	0.121	0.324	1.233	8.612	6.095	7.580	6.463	2.143	0.655	0.156	0.049	0.073	17
18	0.121	0.335	1.247	12.688	5.282	7.701	5.705	1.960	0.616	0.153	0.053	0.071	18
19	0.132	0.346	2.038	8.160	6.894	7.875	5.574	1.852	0.614	0.145	0.057	0.071	19
20	0.145	0.339	3.092	9.627	7.111	8.656	6.300	1.730	0.579	0.139	0.066	0.069	20
21	0.136	0.328	1.727	14.161	7.023	6.443	6.138	1.566	0.576	0.343	0.069	0.071	21
22	0.198	0.393	1.360	9.847	5.735	6.991	5.691	1.422	0.553	0.215	0.284	0.070	22
23	0.161	0.387	1.177	6.511	5.188	8.621	5.447	2.462	0.534	0.146	0.267	0.069	23
24	0.153	0.506	1.342	6.904	4.227	7.242	5.278	2.521	0.544	0.127	0.084	0.069	24
25	0.196	0.666	1.711	4.895	3.572	8.656	5.82	1.773	0.573	0.116	0.067	0.069	25
26	0.713	0.711	1.264	4.721	4.237	7.928	6.473	1.755	0.587	0.105	0.062	0.071	26
27	0.264	0.627	1.196	8.007	4.867	6.781	7.011	1.625	0.556	0.096	0.061	0.071	27
28	0.220	0.501	1.109	30.829	10.165	6.561	5.690	1.501	0.509	0.090	0.059	0.075	28
29	0.212	0.532	1.108	37.413	11.434	6.581	4.967	1.317	0.438	0.083	0.057	0.073	29
30	0.216	0.659	1.005	37.883	0.000	6.778	4.461	1.182	0.404	0.080	0.056	0.071	30
31	0.216	0.600	1.424	31.221	0.000	6.535	0.000	1.135	0.000	0.087	0.050	0.000	31
MONTHLY	0.152	0.359	1.223	8.815	5.491	6.881	6.053	2.477	0.818	0.197	0.080	0.062	
YEARLY -		2.717											

Table B.2.4a--Daily, monthly, and yearly average runoff in inches for the period 10/1/66 to 9/30/82 at Tollgate  
(Reynolds, Idaho Site 116083).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.00155	0.00307	0.00556	0.00821	0.01277	0.02815	0.04510	0.09275	0.08480	0.01862	0.00290	0.00115	1
2	0.00163	0.00303	0.00571	0.00798	0.01168	0.03800	0.04467	0.10109	0.08510	0.01796	0.00281	0.00111	2
3	0.00176	0.00305	0.00603	0.00699	0.01201	0.03255	0.04104	0.10596	0.08126	0.01708	0.00270	0.00110	3
4	0.00179	0.00334	0.00569	0.00676	0.01086	0.02555	0.04490	0.10874	0.07636	0.01574	0.00252	0.00111	4
5	0.00184	0.00335	0.00612	0.00662	0.01010	0.02793	0.04953	0.11013	0.07508	0.01505	0.00230	0.00111	5
6	0.00199	0.00341	0.01181	0.00524	0.01000	0.03079	0.05004	0.11173	0.07613	0.01421	0.00231	0.00120	6
7	0.00248	0.00363	0.00967	0.00551	0.01038	0.02909	0.04838	0.11618	0.07517	0.01329	0.00209	0.00134	7
8	0.00204	0.00405	0.00854	0.00549	0.01007	0.02776	0.04925	0.11875	0.07043	0.01262	0.00202	0.00130	8
9	0.00211	0.00507	0.00704	0.00637	0.01002	0.02647	0.04948	0.12286	0.05653	0.01218	0.00186	0.00119	9
10	0.00220	0.00397	0.00638	0.00722	0.01161	0.02673	0.05246	0.12535	0.06451	0.01123	0.00175	0.00123	10
11	0.00224	0.00400	0.00585	0.01198	0.01080	0.02740	0.06820	0.11848	0.06049	0.01080	0.00162	0.00165	11
12	0.00234	0.00427	0.00563	0.01131	0.01159	0.02873	0.06021	0.11277	0.05617	0.00992	0.00154	0.00168	12
13	0.00232	0.00405	0.00566	0.01665	0.01692	0.02819	0.05909	0.11354	0.05302	0.00910	0.00174	0.00172	13
14	0.00229	0.00368	0.00932	0.01665	0.02599	0.02783	0.05878	0.11931	0.05006	0.00851	0.00178	0.00192	14
15	0.00232	0.00376	0.01399	0.01803	0.02409	0.03037	0.05853	0.12159	0.04705	0.00777	0.00193	0.00171	15
16	0.00233	0.00434	0.00753	0.01724	0.03364	0.03209	0.06118	0.12128	0.04395	0.00722	0.00179	0.00175	16
17	0.00237	0.00380	0.00963	0.02326	0.02666	0.03710	0.06620	0.12050	0.04193	0.00679	0.00209	0.00156	17
18	0.00233	0.00387	0.00820	0.03463	0.02653	0.03719	0.06432	0.11953	0.03985	0.00642	0.00196	0.00167	18
19	0.00299	0.00380	0.02576	0.03466	0.03183	0.03567	0.06562	0.11374	0.03778	0.00606	0.00218	0.00175	19
20	0.00295	0.00370	0.02109	0.03493	0.03403	0.03218	0.07243	0.10785	0.03489	0.00569	0.00197	0.00191	20
21	0.00271	0.00370	0.01352	0.05623	0.03808	0.03138	0.07293	0.10518	0.03308	0.00599	0.00186	0.00180	21
22	0.00288	0.00404	0.01056	0.04485	0.02826	0.03395	0.07656	0.10397	0.03029	0.00559	0.00171	0.00163	22
23	0.00239	0.00467	0.00968	0.02143	0.02943	0.03461	0.08040	0.10593	0.02923	0.00481	0.00168	0.00158	23
24	0.00292	0.00824	0.00982	0.02490	0.02315	0.03752	0.08241	0.10234	0.02872	0.00437	0.00155	0.00175	24
25	0.00292	0.00816	0.01125	0.02027	0.02067	0.04208	0.08031	0.09851	0.02833	0.00410	0.00142	0.00175	25
26	0.00493	0.00787	0.00893	0.01866	0.02047	0.04936	0.08641	0.09748	0.02624	0.00384	0.00134	0.00180	26
27	0.00313	0.00612	0.00816	0.02667	0.02236	0.04318	0.08467	0.09529	0.02421	0.00367	0.00127	0.00193	27
28	0.00314	0.00489	0.00519	0.01822	0.01306	0.04440	0.08575	0.09240	0.02361	0.00352	0.00121	0.00182	28
29	0.00334	0.00544	0.00743	0.01785	0.00766	0.04630	0.08634	0.08862	0.02113	0.00332	0.00122	0.00198	29
30	0.00304	0.00559	0.00690	0.01467	0.00000	0.04933	0.08630	0.08617	0.01901	0.00324	0.00127	0.00203	30
31	0.00304	0.00000	0.00933	0.01370	0.00000	0.04664	0.00000	0.08563	0.00000	0.00307	0.00121	0.00000	31
MONTHLY	0.07888	0.13393	0.28864	0.57446	0.59198	1.07195	1.92951	3.34383	1.48353	0.27175	0.05752	0.04714	
YEARLY -		9.87312											

Table B.2.4b--Daily, monthly, and yearly average flows in cfs for the period 10/1/66 to 9/30/82 at Tollgate  
(Reynolds, Idaho Site 116083).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.879	1.736	3.144	4.640	7.218	15.910	25.494	52.423	47.933	10.525	1.638	0.650	1
2	0.924	1.711	3.226	4.513	6.604	21.478	25.250	57.137	48.099	10.151	1.589	0.628	2
3	0.995	1.721	3.411	3.953	6.787	18.396	23.198	59.890	45.932	9.652	1.529	0.623	3
4	1.010	1.889	3.219	3.822	6.137	14.440	25.378	61.452	43.163	8.896	1.450	0.536	4
5	1.041	1.896	3.459	3.740	5.710	15.789	27.995	62.251	42.439	8.506	1.297	0.627	5
6	1.127	1.928	6.675	3.529	5.652	17.401	28.285	63.151	43.033	8.033	1.303	0.676	6
7	1.403	2.054	5.467	3.113	5.866	16.443	27.344	65.668	42.491	7.511	1.179	0.759	7
8	1.152	2.289	4.830	3.102	5.694	15.691	27.839	67.123	39.810	7.133	1.141	0.734	8
9	1.192	2.067	9.979	3.603	5.664	14.961	27.967	69.445	37.098	6.884	1.051	0.674	9
10	1.244	2.244	3.606	4.084	5.561	15.110	29.652	70.854	36.465	6.346	0.986	0.936	10
11	1.267	2.261	3.309	6.774	6.103	15.490	38.550	66.968	34.179	6.102	0.918	0.931	11
12	1.324	2.413	3.184	6.394	6.552	16.239	34.030	63.740	31.751	5.608	0.872	0.947	12
13	1.309	2.291	3.200	9.409	5.562	15.935	32.632	64.064	29.970	5.145	0.981	0.970	13
14	1.296	2.080	5.768	9.413	14.693	15.728	33.227	67.435	28.798	4.809	1.006	1.084	14
15	1.313	1.127	7.907	10.192	13.615	17.163	33.076	68.726	26.596	4.390	1.093	0.964	15
16	1.319	2.454	4.259	9.745	19.014	18.137	34.579	68.552	24.843	4.079	1.009	0.991	16
17	1.313	2.150	5.444	13.147	15.069	20.968	37.417	68.335	23.702	3.839	1.181	0.883	17
18	1.318	2.188	4.634	19.574	14.995	21.023	35.792	67.564	22.515	3.628	1.109	0.889	18
19	1.689	2.146	14.559	19.592	17.992	20.160	37.093	64.280	21.357	3.423	1.233	0.991	19
20	1.666	2.090	11.918	19.743	19.232	18.186	40.940	60.962	19.723	3.214	1.111	1.080	20
21	1.532	2.092	7.644	31.784	21.523	17.735	41.224	59.449	18.697	3.388	1.052	1.016	21
22	1.626	2.283	5.970	25.349	15.976	19.190	43.276	58.770	17.121	3.157	0.965	0.923	22
23	1.690	2.641	5.471	17.762	16.636	22.956	45.446	59.878	16.519	2.720	0.949	0.895	23
24	1.649	4.656	5.953	14.072	13.087	21.436	46.582	57.846	16.233	2.471	0.875	0.990	24
25	1.653	4.615	6.358	11.459	11.693	23.782	45.395	55.681	16.014	2.318	0.802	0.991	25
26	2.787	4.446	5.046	10.661	11.572	27.900	48.844	55.100	14.831	2.168	0.759	1.016	26
27	1.771	3.459	4.614	15.077	12.640	24.406	47.856	53.859	13.684	2.076	0.719	1.092	27
28	1.773	2.744	4.424	10.331	23.208	23.435	48.471	52.225	13.342	1.991	0.683	1.029	28
29	1.887	3.073	4.199	10.068	38.243	26.168	48.802	50.093	11.943	1.879	0.661	1.122	29
30	1.719	3.161	3.898	8.290	0.000	27.883	48.778	48.705	10.747	1.829	0.715	1.145	30
31	1.719	0.000	5.273	7.742	0.000	26.361	0.000	48.401	0.000	1.735	0.683	0.000	31
MONTHLY	1.438	2.523	5.263	10.474	11.844	19.545	36.354	60.969	27.951	4.955	1.049	0.888	
YEARLY -		15.271											



Table B.2.5a--Daily, monthly, and yearly average runoff in inches for the period 10/1/67 to 9/30/82 at Lower Sheep Creek (Reynolds, Idaho Site 117066).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.00000	0.00000	0.00000	0.00000	0.00020	0.00162	0.00099	0.00000	0.00000	0.00000	0.00000	0.00000	1
2	0.00000	0.00000	0.00000	0.00000	0.00006	0.00798	0.00071	0.00000	0.00000	0.00000	0.00000	0.00000	2
3	0.00000	0.00000	0.00000	0.00000	0.00003	0.00145	0.00077	0.00000	0.00000	0.00000	0.00000	0.00000	3
4	0.00000	0.00000	0.00000	0.00000	0.00002	0.00086	0.00092	0.00000	0.00000	0.00000	0.00000	0.00000	4
5	0.00000	0.00000	0.00005	0.00002	0.00025	0.00391	0.00083	0.00000	0.00000	0.00000	0.00000	0.00000	5
6	0.00000	0.00000	0.00016	0.00001	0.00044	0.00185	0.00057	0.00000	0.00000	0.00000	0.00000	0.00000	6
7	0.00000	0.00000	0.00000	0.00000	0.00005	0.00098	0.00070	0.00000	0.00000	0.00000	0.00000	0.00000	7
8	0.00000	0.00000	0.00000	0.00000	0.00002	0.00145	0.00052	0.00000	0.00000	0.00000	0.00000	0.00000	8
9	0.00000	0.00000	0.00000	0.00001	0.00267	0.00110	0.00018	0.00000	0.00000	0.00000	0.00000	0.00000	9
10	0.00000	0.00000	0.00000	0.00015	0.00130	0.00141	0.00012	0.00000	0.00000	0.00000	0.00000	0.00000	10
11	0.00000	0.00000	0.00000	0.00000	0.00000	0.00289	0.00070	0.00000	0.00000	0.00000	0.00000	0.00000	11
12	0.00000	0.00000	0.00000	0.00049	0.00026	0.00371	0.00048	0.00000	0.00000	0.00000	0.00000	0.00000	12
13	0.00000	0.00000	0.00000	0.00086	0.01968	0.00148	0.00029	0.00000	0.00000	0.00000	0.00000	0.00000	13
14	0.00000	0.00000	0.00000	0.00204	0.00290	0.00181	0.00027	0.00000	0.00000	0.00000	0.00000	0.00000	14
15	0.00000	0.00000	0.00000	0.00117	0.00200	0.00596	0.00020	0.00000	0.00000	0.00000	0.00000	0.00000	15
16	0.00000	0.00000	0.00000	0.00072	0.00796	0.00517	0.00035	0.00000	0.00000	0.00000	0.00000	0.00000	16
17	0.00000	0.00000	0.00000	0.00414	0.00236	0.00912	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	17
18	0.00000	0.00000	0.00000	0.00414	0.00152	0.00428	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000	18
19	0.00000	0.00000	0.00000	0.00708	0.00399	0.00152	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000	19
20	0.00000	0.00000	0.00005	0.00085	0.00388	0.00133	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000	20
21	0.00000	0.00000	0.00000	0.00905	0.00173	0.00254	0.00011	0.00000	0.00000	0.00000	0.00000	0.00000	21
22	0.00000	0.00000	0.00000	0.00247	0.00072	0.00432	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	22
23	0.00000	0.00000	0.00000	0.00120	0.00052	0.00281	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	23
24	0.00000	0.00000	0.00000	0.00361	0.00040	0.00266	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	24
25	0.00000	0.00000	0.00000	0.00233	0.00034	0.00244	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	25
26	0.00000	0.00000	0.00001	0.00185	0.00294	0.00308	0.00069	0.00000	0.00000	0.00000	0.00000	0.00000	26
27	0.00000	0.00000	0.00009	0.00149	0.01647	0.00232	0.00125	0.00000	0.00000	0.00000	0.00000	0.00000	27
28	0.00000	0.00000	0.00000	0.00042	0.01817	0.00153	0.00027	0.00000	0.00000	0.00000	0.00000	0.00000	28
29	0.00000	0.00000	0.00000	0.00030	0.00446	0.00132	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000	29
30	0.00000	0.00000	0.00000	0.00029	0.00000	0.00167	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	30
31	0.00000	0.00000	0.00000	0.00027	0.00000	0.00215	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	31
MONTHLY	0.00000	0.00000	0.00000	0.00822	0.09497	0.08682	0.01180	0.00001	0.00000	0.00000	0.00000	0.00000	
YEARLY -		0.28218											

Table B.2.5b--Daily, monthly, and yearly average flows in cfs for the period 10/1/67 to 9/30/82 at Lower Sheep Creek (Reynolds, Idaho Site 117066).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.000	0.000	0.000	0.000	0.000	1
2	0.000	0.000	0.000	0.000	0.000	0.011	0.001	0.000	0.000	0.000	0.000	0.000	2
3	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.000	0.000	0.000	0.000	0.000	3
4	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	4
5	0.000	0.000	0.000	0.000	0.000	0.005	0.001	0.000	0.000	0.000	0.000	0.000	5
6	0.000	0.000	0.000	0.000	0.001	0.003	0.001	0.000	0.000	0.000	0.000	0.000	6
7	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	7
8	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	8
9	0.000	0.000	0.000	0.000	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000	9
10	0.000	0.000	0.000	0.000	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	10
11	0.000	0.000	0.000	0.020	0.001	0.004	0.001	0.000	0.000	0.000	0.000	0.000	11
12	0.000	0.000	0.000	0.001	0.000	0.005	0.001	0.000	0.000	0.000	0.000	0.000	12
13	0.000	0.000	0.000	0.001	0.027	0.002	0.000	0.000	0.000	0.000	0.000	0.000	13
14	0.000	0.000	0.000	0.003	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	14
15	0.000	0.000	0.000	0.002	0.003	0.008	0.000	0.000	0.000	0.000	0.000	0.000	15
16	0.000	0.000	0.000	0.001	0.011	0.007	0.000	0.000	0.000	0.000	0.000	0.000	16
17	0.000	0.000	0.000	0.006	0.003	0.013	0.001	0.000	0.000	0.000	0.000	0.000	17
18	0.000	0.000	0.000	0.006	0.002	0.006	0.000	0.000	0.000	0.000	0.000	0.000	18
19	0.000	0.000	0.000	0.010	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000	19
20	0.000	0.000	0.000	0.001	0.005	0.002	0.000	0.000	0.000	0.000	0.000	0.000	20
21	0.000	0.000	0.000	0.013	0.002	0.004	0.000	0.000	0.000	0.000	0.000	0.000	21
22	0.000	0.000	0.000	0.001	0.001	0.006	0.000	0.000	0.000	0.000	0.000	0.000	22
23	0.000	0.000	0.000	0.002	0.001	0.004	0.000	0.000	0.000	0.000	0.000	0.000	23
24	0.000	0.000	0.000	0.005	0.001	0.004	0.000	0.000	0.000	0.000	0.000	0.000	24
25	0.000	0.000	0.000	0.003	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	25
26	0.000	0.000	0.000	0.003	0.004	0.004	0.001	0.000	0.000	0.000	0.000	0.000	26
27	0.000	0.000	0.000	0.002	0.023	0.003	0.002	0.000	0.000	0.000	0.000	0.000	27
28	0.000	0.000	0.000	0.001	0.025	0.002	0.000	0.000	0.000	0.000	0.000	0.000	28
29	0.000	0.000	0.000	0.000	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000	29
30	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	30
31	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	31
MONTHLY	0.000	0.000	0.000	0.004	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000	
YEARLY -		0.001											

Table B.2.6a--Daily, monthly, and yearly average runoff in inches for the period 10/1/63 to 9/30/82 at Reynolds Mountain East (Reynolds, Idaho Site 156076).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.00275	0.00575	0.00709	0.01063	0.01520	0.01680	0.04045	0.24906	0.27513	0.05002	0.00516	0.00265	1
2	0.00299	0.00592	0.00727	0.01042	0.01316	0.01595	0.03814	0.27704	0.27398	0.04662	0.00509	0.00227	2
3	0.00297	0.00624	0.00752	0.01020	0.01225	0.01803	0.03381	0.27275	0.25935	0.04314	0.00446	0.00203	3
4	0.00323	0.00673	0.00762	0.00992	0.01161	0.01602	0.03542	0.28902	0.24815	0.03981	0.00399	0.00207	4
5	0.00366	0.00649	0.00703	0.00984	0.01122	0.01520	0.04653	0.29232	0.25275	0.03621	0.00374	0.00224	5
6	0.00436	0.00678	0.00840	0.00973	0.01106	0.01602	0.05078	0.29305	0.25286	0.03345	0.00380	0.00248	6
7	0.00427	0.00680	0.00967	0.00979	0.01066	0.01584	0.04835	0.31783	0.23719	0.03155	0.00345	0.00251	7
8	0.00411	0.00751	0.00806	0.00950	0.01023	0.01517	0.05132	0.32397	0.21244	0.02130	0.00326	0.00248	8
9	0.00440	0.01367	0.00768	0.00917	0.01008	0.01494	0.05367	0.33893	0.20239	0.02949	0.00313	0.00226	9
10	0.00423	0.00824	0.00765	0.00896	0.01102	0.01536	0.05740	0.33948	0.19922	0.02510	0.00275	0.00259	10
11	0.00403	0.00715	0.00751	0.00875	0.01115	0.01621	0.07130	0.32198	0.18221	0.02249	0.00325	0.00234	11
12	0.00413	0.00745	0.00704	0.00913	0.01050	0.01608	0.07529	0.31950	0.17134	0.01958	0.00393	0.00270	12
13	0.00385	0.00762	0.00669	0.00974	0.01023	0.01859	0.06517	0.33434	0.16010	0.01728	0.00403	0.00293	13
14	0.00395	0.00799	0.00993	0.01029	0.01090	0.01773	0.06445	0.36034	0.15623	0.01540	0.00388	0.00270	14
15	0.00415	0.00791	0.01353	0.01032	0.01077	0.01766	0.07420	0.36867	0.14873	0.01388	0.00341	0.00296	15
16	0.00411	0.00824	0.00935	0.01249	0.01426	0.01883	0.08184	0.38402	0.14166	0.01299	0.00343	0.00293	16
17	0.00406	0.00687	0.00803	0.01247	0.01366	0.02141	0.08483	0.37481	0.12913	0.01200	0.00359	0.00270	17
18	0.00457	0.00643	0.00743	0.02400	0.01285	0.02353	0.09248	0.36345	0.12178	0.01094	0.00351	0.00292	18
19	0.00579	0.00640	0.01217	0.02904	0.01677	0.01963	0.13837	0.34347	0.11316	0.01016	0.00407	0.00363	19
20	0.00510	0.00666	0.02362	0.02259	0.02128	0.01786	0.15071	0.32584	0.10679	0.01007	0.00358	0.00328	20
21	0.00495	0.00659	0.01287	0.01546	0.02062	0.01732	0.15117	0.32406	0.10516	0.01010	0.00359	0.00302	21
22	0.00499	0.00643	0.02155	0.01489	0.02375	0.01873	0.14832	0.34295	0.09364	0.00954	0.00303	0.00286	22
23	0.00512	0.00683	0.00917	0.01471	0.02335	0.02188	0.15684	0.34829	0.08939	0.00810	0.00272	0.00287	23
24	0.00505	0.01451	0.04410	0.01308	0.01959	0.02071	0.16467	0.33066	0.08342	0.00775	0.00234	0.00306	24
25	0.00511	0.01332	0.02117	0.01133	0.01562	0.01952	0.16002	0.32456	0.08212	0.00682	0.00216	0.00305	25
26	0.00595	0.01023	0.01700	0.01038	0.01446	0.02061	0.17150	0.32919	0.07715	0.00650	0.00213	0.00325	26
27	0.00531	0.00803	0.01601	0.00993	0.01368	0.02332	0.17920	0.32042	0.06751	0.00616	0.00223	0.00339	27
28	0.00563	0.00628	0.01452	0.00942	0.01469	0.02634	0.19514	0.30471	0.06267	0.00605	0.00218	0.00326	28
29	0.00592	0.00779	0.01306	0.00993	0.03093	0.03191	0.21021	0.29181	0.05600	0.00583	0.00232	0.00303	29
30	0.00569	0.00708	0.01185	0.01890	0.00000	0.03889	0.22159	0.28665	0.05161	0.00557	0.00237	0.00310	30
31	0.00562	0.00000	0.01099	0.02007	0.00000	0.04172	0.00000	0.28019	0.00000	0.00332	0.00290	0.00000	31
MONTHLY	0.14003	0.23461	0.43558	0.39523	0.41081	0.62839	3.11315	9.97334	4.61227	0.58723	0.10455	0.08436	
YEARLY -		20.71955											

Table B.2.6b--Daily, monthly, and yearly average flows in cfs for the period 10/1/63 to 9/30/82 at Reynolds Mountain East (Reynolds, Idaho Site 156076).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.012	0.024	0.030	0.045	0.064	0.071	0.170	1.046	1.156	0.210	0.022	0.011	1
2	0.013	0.025	0.031	0.044	0.065	0.067	0.160	1.164	1.151	0.190	0.021	0.010	2
3	0.012	0.026	0.032	0.043	0.061	0.076	0.142	1.146	1.090	0.181	0.019	0.009	3
4	0.014	0.028	0.034	0.045	0.069	0.067	0.149	1.214	1.043	0.163	0.017	0.009	4
5	0.015	0.027	0.030	0.041	0.047	0.064	0.196	1.228	1.062	0.152	0.016	0.009	5
6	0.018	0.028	0.035	0.041	0.046	0.067	0.213	1.231	1.062	0.141	0.016	0.010	6
7	0.018	0.029	0.041	0.041	0.045	0.067	0.203	1.335	0.997	0.133	0.014	0.010	7
8	0.017	0.032	0.034	0.040	0.046	0.064	0.216	1.361	0.893	0.131	0.014	0.010	8
9	0.018	0.027	0.032	0.039	0.042	0.063	0.225	1.424	0.850	0.120	0.013	0.010	9
10	0.018	0.035	0.032	0.038	0.046	0.067	0.241	1.426	0.833	0.105	0.016	0.011	10
11	0.017	0.030	0.032	0.037	0.047	0.068	0.300	1.353	0.766	0.095	0.014	0.014	11
12	0.017	0.031	0.030	0.038	0.044	0.068	0.316	1.342	0.720	0.082	0.016	0.011	12
13	0.016	0.032	0.028	0.041	0.043	0.078	0.274	1.405	0.673	0.073	0.017	0.012	13
14	0.017	0.034	0.042	0.043	0.046	0.074	0.271	1.514	0.656	0.065	0.016	0.011	14
15	0.017	0.033	0.057	0.043	0.045	0.074	0.312	1.549	0.625	0.058	0.014	0.012	15
16	0.017	0.035	0.039	0.052	0.060	0.079	0.344	1.613	0.595	0.055	0.014	0.012	16
17	0.017	0.029	0.034	0.052	0.057	0.090	0.356	1.575	0.543	0.050	0.015	0.011	17
18	0.019	0.027	0.031	0.101	0.054	0.099	0.389	1.527	0.512	0.045	0.015	0.012	18
19	0.024	0.027	0.051	0.122	0.070	0.082	0.581	1.443	0.475	0.043	0.017	0.015	19
20	0.021	0.028	0.099	0.095	0.089	0.075	0.633	1.369	0.449	0.042	0.015	0.014	20
21	0.021	0.028	0.054	0.065	0.120	0.073	0.635	1.362	0.442	0.042	0.015	0.013	21
22	0.021	0.027	0.091	0.063	0.100	0.079	0.623	1.441	0.393	0.040	0.013	0.012	22
23	0.022	0.029	0.291	0.062	0.098	0.092	0.659	1.453	0.376	0.034	0.011	0.012	23
24	0.021	0.061	0.185	0.055	0.082	0.087	0.692	1.389	0.350	0.033	0.010	0.013	24
25	0.021	0.056	0.089	0.048	0.064	0.082	0.672	1.364	0.345	0.029	0.009	0.013	25
26	0.025	0.043	0.071	0.044	0.061	0.087	0.721	1.383	0.324	0.027	0.009	0.014	26
27	0.022	0.034	0.067	0.042	0.057	0.098	0.753	1.346	0.284	0.026	0.009	0.014	27
28	0.024	0.029	0.061	0.040	0.062	0.111	0.820	1.280	0.263	0.025	0.009	0.014	28
29	0.025	0.033	0.065	0.042	0.130	0.134	0.883	1.226	0.235	0.025	0.010	0.013	29
30	0.024	0.030	0.060	0.078	0.060	0.163	0.931	1.204	0.217	0.023	0.010	0.013	30
31	0.024	0.000	0.046	0.084	0.000	0.175	0.000	1.177	0.000	0.022	0.012	0.000	31
MONTHLY	0.019	0.033	0.059	0.054	0.061	0.085	0.436	1.352	0.646	0.080	0.014	0.012	
YEARLY -		0.237											

Table B.3.1a.--Annual maximum runoff volumes in inches for 11 durations at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).

WATER YEAR	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PER100
1964	4.55510E-02	1.13020E-01	2.24538E-01	4.10853E-01	7.26145E-01	1.32671E+00	1.86390E+00	2.01068E+00	2.26533E+00	2.42328E+00	2.447
1965	4.04826E-01	6.78586E-01	1.26198E+00	1.56999E+00	1.91301E+00	3.49407E+00	3.93798E+00	4.46612E+00	6.59854E+00	6.98097E+00	7.054
1966	1.64300E-02	4.77900E-02	9.47910E-02	1.74646E-01	2.72538E-01	3.58900E-01	4.26145E-01	4.82932E-01	6.12268E-01	7.51755E-01	0.767
1967	5.45890E-02	1.49466E-01	2.97777E-01	5.38763E-01	9.95558E-01	1.39670E+00	1.52528E+00	1.68198E+00	2.06911E+00	2.16396E+00	2.190
1968	5.45190E-02	1.20368E-01	2.04056E-01	2.63615E-01	3.18510E-01	3.58705E-01	4.05127E-01	4.45643E-01	5.13912E-01	5.70837E-01	0.604
1969	2.49341E-01	4.73037E-01	6.09314E-01	7.80053E-01	1.24468E+00	1.91914E+00	2.26949E+00	2.88238E+00	3.49572E+00	3.57343E+00	3.604
1970	1.34366E-01	2.00193E-01	4.24552E-01	5.90148E-01	8.57811E-01	1.14078E+00	1.44321E+00	1.78648E+00	2.55073E+00	2.65347E+00	2.700
1971	1.69379E-01	4.05624E-01	5.99406E-01	8.17528E-01	1.24089E+00	2.31040E+00	2.73323E+00	3.69636E+00	4.35865E+00	4.71835E+00	4.778
1972	1.96430E-01	4.13651E-01	7.37768E-01	1.26935E+00	2.14950E+00	3.07135E+00	3.82782E+00	4.56553E+00	5.49444E+00	5.87187E+00	5.980
1973	5.19570E-02	1.10193E-01	2.36024E-01	4.06754E-01	6.71449E-01	9.11043E-01	1.04064E+00	1.18359E+00	1.61460E+00	1.79650E+00	1.846
1974	9.16110E-02	2.49123E-01	4.73307E-01	7.80494E-01	1.42629E+00	2.37731E+00	2.98925E+00	3.34019E+00	4.07938E+00	4.33258E+00	4.373
1975	7.76000E-02	2.11406E-01	4.37556E-01	7.64175E-01	1.47260E+00	2.32019E+00	2.88419E+00	3.43525E+00	3.87995E+00	4.04678E+00	4.117
1976	4.08340E-02	1.19492E-01	2.63519E-01	5.10571E-01	8.21890E-01	1.45399E+00	1.77573E+00	1.97489E+00	2.37161E+00	2.74561E+00	2.832
1977	1.54800E-02	1.94870E-02	2.59260E-02	3.89360E-02	6.59840E-02	1.04567E-01	1.36801E-01	1.74544E-01	2.50005E-01	3.36785E-01	0.369
1978	1.09025E-01	2.98012E-01	4.97376E-01	7.36161E-01	1.14595E+00	1.84447E+00	2.42054E+00	2.72312E+00	3.06712E+00	3.26134E+00	3.290
1979	2.08090E-01	2.62035E-01	2.79791E-01	3.44447E-01	5.86245E-01	8.28849E-01	1.16279E+00	1.48816E+00	1.90729E+00	2.02403E+00	2.063
1980	3.51130E-02	8.52990E-02	1.89201E-01	3.69142E-01	6.17298E-01	1.19695E+00	1.38628E+00	1.71436E+00	2.10289E+00	2.19727E+00	2.247
1981	5.36960E-02	1.20830E-01	2.20733E-01	3.47118E-01	4.51146E-01	6.40825E-01	8.45602E-01	1.03950E+00	1.24643E+00	1.36604E+00	1.402
1982	3.50378E-01	8.29820E-01	1.36878E+00	1.99063E+00	2.50413E+00	3.56341E+00	4.78130E+00	5.47864E+00	6.29267E+00	6.76408E+00	6.837
MEAN	1.25259E-01	2.68854E-01	4.44547E-01	6.68598E-01	1.02535E+00	1.61006E+00	1.99323E+00	2.34581E+00	2.88267E+00	3.08310E+00	3.130
S.O.	1.13855E-01	2.41740E-01	3.58053E-01	4.86915E-01	6.52739E-01	1.03373E+00	1.28663E+00	1.50292E+00	1.85933E+00	1.96267E+00	1.981

Table B.3.1b.--Annual maximum runs (consecutive days) above 10 thresholds at Reynolds Cr. Outlet (Reynolds, Idaho Site 03606R). Thresholds are in cubic feet per second.

WATER YEAR	1.00	2.50	5.00	10.00	25.00	50.00	75.00	100.00	200.00	300.00
1964	269	249	170	106	45	12	5	1	0	0
1965	329	244	227	201	87	25	18	14	5	4
1966	270	123	45	20	6	0	0	0	0	0
1967	255	183	166	68	50	17	8	3	0	0
1968	212	39	28	20	8	2	2	1	0	0
1969	271	203	180	103	68	31	27	8	3	1
1970	299	199	178	157	35	16	12	5	1	1
1971	353	246	230	173	72	11	58	3	1	1
1972	330	280	243	142	126	50	28	25	2	2
1973	317	200	174	50	35	11	1	1	0	0
1974	318	254	228	174	106	48	32	7	1	0
1975	349	240	195	141	102	36	15	10	0	0
1976	365	273	144	108	67	20	11	0	0	0
1977	266	51	2	1	1	0	0	0	0	0
1978	286	241	192	145	90	30	10	6	2	0
1979	280	184	145	37	30	11	2	2	1	1
1980	295	200	178	130	30	13	1	0	0	0
1981	313	248	98	48	15	8	2	1	0	0
1982	323	255	219	212	124	107	32	14	4	4
MEAN	300.0	205.9	160.1	107.2	57.7	26.1	11.6	5.7	1.2	0.7
S.O.	38.5	68.2	69.9	64.6	39.9	25.9	11.1	6.7	1.6	1.3

Table 8.3.1c.--Annual number of days the flow was above 10 thresholds at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).  
Thresholds are in cubic feet per second.

WATER YEAR	1.00	2.50	5.00	10.00	25.00	50.00	75.00	100.00	200.00	300.00
1964	269	249	206	121	87	43	8	1	0	0
1965	331	304	239	217	182	84	51	36	11	7
1966	270	256	122	34	10	0	0	0	0	0
1967	264	219	176	130	57	36	19	4	0	0
1968	297	134	38	20	8	4	3	2	0	0
1969	288	207	185	168	99	57	39	18	3	1
1970	349	215	189	164	81	31	19	10	1	1
1971	357	256	231	211	139	81	47	24	5	1
1972	363	321	264	208	143	101	60	41	7	4
1973	320	269	223	134	49	13	2	2	0	0
1974	331	255	233	197	131	80	54	22	1	0
1975	350	275	207	168	120	71	42	26	0	0
1976	365	300	255	195	84	36	16	0	0	0
1977	271	192	3	1	1	0	0	0	0	0
1978	301	244	210	167	104	59	23	6	2	0
1979	321	235	174	109	55	22	7	5	1	1
1980	340	229	179	145	81	32	4	0	0	0
1981	316	251	178	98	29	12	2	1	0	0
1982	324	295	241	213	163	111	67	37	11	9
MEAN	317.2	247.7	187.0	142.1	85.4	45.9	24.4	12.4	2.2	1.3
S.O.	33.4	44.1	68.1	65.9	52.9	34.5	22.9	14.3	3.6	2.6

Table 8.3.1d.--Annual minimum runoff volumes in inches for 11 durations at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).

YEAR*	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD
1963	9.8000E-05	3.1700E-04	7.8400E-04	1.7950E-03	3.7870E-03	8.6680E-03	1.6397E-02	3.2437E-02	1.68549E-01	5.65186E-01	1.554
1964	1.4800E-04	4.4400E-04	1.1200E-03	2.6650E-03	6.2150E-03	1.4004E-02	2.4532E-02	4.1244E-02	3.1796E-01	3.12172E+00	6.099
1965	5.7000E-04	1.7410E-03	4.9340E-03	1.4095E-02	3.8102E-02	8.9730E-02	1.5443E-01	2.0044E-01	3.3318E-01	6.65118E-01	3.289
1966	0.0000E+00	1.8000E-05	1.1400E-04	5.1200E-04	1.4580E-03	4.1750E-03	7.7500E-03	1.5271E-02	6.74340E-02	2.38367E-01	0.893
1967	1.4900E-04	5.5500E-04	1.7710E-03	4.2240E-03	8.8440E-03	1.9606E-02	3.2994E-02	5.2993E-02	1.05801E-01	5.13724E-01	2.042
1968	5.8000E-05	2.1300E-04	6.0000E-04	1.9570E-03	4.6970E-03	1.0377E-02	2.2068E-02	3.5831E-02	7.41390E-02	1.91780E-01	1.640
1969	2.8000E-04	8.7500E-04	2.1430E-03	4.7320E-03	1.0174E-02	2.4489E-02	4.1509E-02	5.9021E-02	1.26022E-01	1.24107E+00	3.363
1970	3.5400E-04	1.0940E-03	2.6540E-03	6.1360E-03	1.3244E-02	3.1044E-02	5.2862E-02	7.4839E-02	3.9464E-01	1.71719E+00	3.966
1971	5.3400E-04	1.6930E-03	4.0760E-03	9.0350E-03	1.9433E-02	4.3136E-02	9.4521E-02	1.53622E-01	4.7678E-01	1.73514E+00	5.812
1972	3.8000E-04	1.2180E-03	3.0030E-03	7.6690E-03	1.8920E-02	4.9154E-02	8.8963E-02	1.52972E-01	4.13443E-01	9.42904E-01	3.245
1973	2.1600E-04	6.5900E-04	1.6580E-03	3.7210E-03	8.4900E-03	2.0219E-02	3.5172E-02	5.8622E-02	1.81528E-01	1.05360E+00	3.156
1974	2.4900E-04	7.6000E-04	1.8160E-03	4.1540E-03	9.2190E-03	2.3490E-02	4.2165E-02	8.26560E-02	1.88136E-01	9.47344E-01	3.347
1975	4.7900E-04	1.7850E-03	4.3630E-03	9.5210E-03	2.0558E-02	4.6040E-02	1.08137E-01	2.25549E-01	6.19667E-01	1.28911E+00	4.079
1976	5.0500E-04	1.5150E-03	3.7960E-03	9.6120E-03	2.4103E-02	4.9864E-02	7.8462E-02	1.11057E-01	1.81815E-01	2.99353E-01	1.967
1977	7.0000E-06	3.8000E-05	1.5700E-04	1.0510E-03	2.2490E-03	4.9120E-03	8.3630E-03	1.2890E-02	4.99230E-02	2.63358E-01	1.398
1978	3.4400E-04	1.0450E-03	2.5450E-03	5.8840E-03	1.4345E-02	3.2434E-02	5.7178E-02	9.42230E-02	1.99298E-01	1.05774E+00	3.175
1979	4.4000E-04	2.1110E-04	1.0370E-03	3.2500E-03	9.5920E-03	2.2549E-02	3.7372E-02	5.74530E-02	1.22432E-01	6.99489E-01	1.733
1980	2.8800E-04	8.7300E-04	2.3180E-03	5.9880E-03	1.4805E-02	3.3372E-02	5.8546E-02	9.04570E-02	2.12314E-01	6.56710E-01	2.053
1981	2.6000E-05	1.1500E-04	3.6900E-04	9.8400E-04	2.7190E-03	1.1109E-02	2.20230E-02	3.93190E-02	1.66439E-01	1.13830E+00	4.563
MEAN	2.48995E-04	7.98368E-04	2.06621E-03	5.10500E-03	1.21555E-02	2.83354E-02	5.17604E-02	8.37317E-02	2.31866E-01	9.65121E-01	3.020
S.O.	1.87866E-04	5.91180E-04	1.46162E-03	3.60193E-03	9.14203E-03	2.08245E-02	3.82477E-02	6.04064E-02	1.54247E-01	6.95986E-01	1.452

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.1e.--Annual maximum runs (consecutive days) below 10 thresholds at Reynolds Cr. Outlet (Reynolds, Idaho Site 036068).  
Thresholds are in cubic feet per second.

YEAR*	1.00	3.00	5.00	7.00	10.00	15.00	20.00	50.00	100.00	150.00
1963	108	117	126	128	131	203	207	217	358	359
1964	93	135	140	142	148	157	158	192	264	265
1965	0	14	50	81	136	198	201	301	308	310
1966	131	162	190	207	210	283	285	295	365	365
1967	22	172	174	176	233	235	237	248	257	365
1968	79	83	135	138	267	280	280	287	294	294
1969	39	164	169	172	174	206	212	243	273	296
1970	7	114	135	140	145	158	165	177	234	291
1971	0	31	81	90	143	146	148	202	250	292
1972	2	58	97	105	108	148	172	187	294	365
1973	29	129	147	178	181	204	205	261	272	348
1974	25	98	109	110	168	212	214	250	299	333
1975	0	60	70	86	90	95	95	175	297	301
1976	0	43	271	278	282	285	288	314	365	365
1977	142	164	166	185	185	186	186	258	365	365
1978	10	103	140	142	196	200	217	230	254	257
1979	20	130	156	201	203	223	224	332	365	365
1980	7	66	146	171	182	184	186	251	365	365
1981	53	142	149	155	159	184	203	235	242	262
MEAN	40.4	104.5	139.5	151.8	175.8	199.3	204.4	239.7	301.1	324.4
S.O.	47.0	48.5	48.5	48.7	49.5	49.1	48.0	41.5	48.1	40.8

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.1f.--Annual number of days the flow was below 10 thresholds at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).  
Thresholds are in cubic feet per second.

YEAR*	1.00	3.00	5.00	7.00	10.00	15.00	20.00	50.00	100.00	150.00
1963	108	120	164	213	260	291	312	357	363	364
1964	96	135	140	147	161	170	176	283	348	354
1965	0	41	169	229	241	258	271	323	345	354
1966	135	187	245	270	291	328	343	362	365	365
1967	65	207	235	244	276	289	304	328	359	365
1968	115	227	272	275	286	320	328	349	360	362
1969	42	174	183	192	198	213	234	313	348	362
1970	8	122	135	151	164	197	231	311	346	358
1971	0	76	95	129	155	192	218	276	322	342
1972	2	78	119	162	195	234	258	305	356	365
1973	54	133	157	188	205	232	262	326	345	360
1974	40	114	175	193	213	235	245	302	355	364
1975	0	60	83	104	142	196	231	300	345	360
1976	0	199	273	278	282	285	290	333	365	365
1977	147	206	255	263	285	298	313	345	365	365
1978	11	119	178	196	229	245	270	316	354	361
1979	57	168	195	212	245	264	294	348	365	365
1980	12	125	174	218	246	269	282	334	365	365
1981	90	142	153	174	192	231	264	307	345	353
MEAN	51.7	138.6	179.2	202.0	224.5	249.8	269.8	322.0	353.5	360.5
S.D.	50.2	52.9	55.4	50.4	48.7	45.0	41.7	24.0	11.1	6.1

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.



Table B.3.2a.--Annual maximum runoff volumes in inches for 11 durations at Macks Creek (Reynolds, Idaho Site D46084).

WATER YEAR	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD
1966	1.92300E-02	3.97690E-02	6.90190E-02	1.13019E-01	1.94861E-01	2.89340E-01	3.46124E-01	4.10919E-01	5.09468E-01	6.04030E-01	0.608
1967	9.68420E-02	1.53356E-01	2.32785E-01	4.35456E-01	5.68137E-01	7.68375E-01	9.44964E-01	1.23315E+00	1.49438E+00	1.53286E+00	1.535
1968	5.05270E-02	1.09374E-01	1.94513E-01	2.42162E-01	2.81607E-01	3.43793E-01	3.91370E-01	4.32055E-01	4.73413E-01	4.87761E-01	0.491
1969	4.02768E-01	7.29849E-01	9.17753E-01	1.13465E+00	1.30922E+00	1.51756E+00	2.37563E+00	2.77558E+00	2.90375E+00	2.92808E+00	2.932
1970	2.19843E-01	3.03372E-01	5.96664E-01	8.35256E-01	9.87168E-01	1.27677E+00	1.54797E+00	1.80150E+00	1.89088E+00	1.91103E+00	1.918
1971	3.74543E-01	7.69407E-01	9.75273E-01	1.18847E+00	1.44206E+00	1.73397E+00	2.09289E+00	3.41328E+00	3.66630E+00	3.77436E+00	3.785
1972	2.79943E-01	5.34608E-01	9.16028E-01	1.44309E+00	2.10099E+00	3.04373E+00	3.86578E+00	4.14121E+00	4.50854E+00	4.72549E+00	4.738
1973	9.27680E-02	2.16440E-01	4.35716E-01	6.51464E-01	7.56653E-01	9.30596E-01	1.07415E+00	1.34216E+00	1.67209E+00	1.75808E+00	1.762
1974	1.42207E-01	3.93375E-01	7.35403E-01	1.14163E+00	1.85075E+00	2.41830E+00	2.96687E+00	3.30667E+00	3.64098E+00	3.72096E+00	3.724
1975	2.34306E-01	3.78816E-01	5.16813E-01	8.85664E-01	1.70256E+00	2.98332E+00	4.04826E+00	4.41639E+00	4.66668E+00	4.76893E+00	4.788
1976	5.71120E-02	1.59121E-01	3.26289E-01	5.38939E-01	8.45507E-01	1.28417E+00	1.53112E+00	1.85154E+00	2.28089E+00	2.58165E+00	2.648
1977	5.64800E-03	1.02890E-02	2.04890E-02	4.10400E-02	7.52340E-02	1.25127E-01	1.75330E-01	2.17405E-01	3.14540E-01	4.19094E-01	0.427
1978	1.30840E-01	3.09083E-01	4.91686E-01	6.37162E-01	1.06184E+00	1.93668E+00	2.40631E+00	2.69112E+00	2.93656E+00	3.00081E+00	3.006
1979	3.07783E-01	3.91696E-01	4.08371E-01	4.70105E-01	6.89443E-01	1.17977E+00	1.54075E+00	1.84786E+00	2.04804E+00	2.08900E+00	2.095
1980	3.78940E-02	9.65440E-02	1.66624E-01	2.39441E-01	3.69973E-01	7.04266E-01	9.54465E-01	1.11518E+00	1.51384E+00	1.61171E+00	1.623
1981	5.99130E-02	1.43434E-01	2.23154E-01	2.97600E-01	4.28531E-01	6.50034E-01	9.95832E-01	1.11019E+00	1.32987E+00	1.44261E+00	1.453
1982	3.05496E-01	8.79614E-01	1.47006E+00	2.12813E+00	2.69738E+00	3.90469E+00	4.75963E+00	5.01548E+00	5.61831E+00	5.80807E+00	5.848
MEAN	1.65751E-01	3.30479E-01	5.11568E-01	7.30781E-01	1.02126E+00	1.47591E+00	1.93632E+00	2.18363E+00	2.44004E+00	2.53909E+00	2.552
S.O.	1.30319E-01	2.62914E-01	3.86347E-01	5.45919E-01	7.37699E-01	1.07680E+00	1.38765E+00	1.46988E+00	1.55963E+00	1.59013E+00	1.596

Table B.3.2b.--Annual maximum runs (consecutive days) above 10 thresholds at Macks Creek (Reynolds, Idaho Site D46084). Thresholds are in cubic feet per second.

WATER YEAR	0.25	0.50	1.00	3.00	7.00	10.00	15.00	20.00	30.00	50.00
1966	242	102	43	2	0	0	0	0	0	0
1967	172	163	156	18	5	3	2	1	1	0
1968	113	40	19	8	4	2	1	0	0	0
1969	186	139	118	48	24	8	5	4	3	2
1970	157	136	126	24	13	4	4	1	1	1
1971	184	134	126	52	23	14	9	7	2	3
1972	262	231	183	77	33	28	22	12	5	2
1973	236	174	117	19	12	10	4	2	1	0
1974	273	200	132	58	35	31	11	7	5	0
1975	197	170	127	92	41	39	18	3	1	1
1976	283	250	172	72	13	9	3	0	0	0
1977	249	39	3	0	0	0	0	0	0	0
1978	214	192	148	64	23	11	5	3	2	0
1979	146	142	109	25	4	3	2	1	1	1
1980	229	187	80	19	4	1	0	0	0	0
1981	244	188	75	12	4	2	2	0	0	0
1982	266	211	187	87	79	31	13	11	10	3
MEAN	212.1	156.7	112.9	39.8	18.6	11.6	6.0	3.1	1.9	0.7
S.O.	47.0	58.4	53.8	30.7	20.2	12.6	6.5	3.9	2.7	1.0

Table B.3.2c.--Annual number of days the flow was above 10 thresholds at Macks Creek (Reynolds, Idaho Site 046084).  
Thresholds are in cubic feet per second.

WATER YEAR	0.25	0.50	1.00	3.00	7.00	10.00	15.00	20.00	30.00	50.00
1966	242	164	48	2	0	0	0	0	0	0
1967	197	168	156	44	7	5	4	1	0	0
1968	131	80	24	8	4	3	1	0	0	0
1969	188	155	130	72	40	23	9	5	3	2
1970	161	140	129	57	14	9	6	2	2	1
1971	230	199	152	102	42	26	15	11	6	3
1972	271	231	193	107	61	41	30	22	11	3
1973	240	199	151	34	17	12	5	3	1	0
1974	223	208	172	91	46	39	25	13	6	0
1975	221	185	154	104	80	64	40	16	4	1
1976	313	260	214	89	27	14	4	0	0	0
1977	255	126	7	0	0	0	0	0	0	0
1978	214	201	154	100	45	28	8	4	2	0
1979	185	150	116	64	15	10	8	4	2	1
1980	231	213	167	65	8	2	0	0	0	0
1981	244	211	133	34	10	5	3	0	0	0
1982	266	240	201	108	83	61	23	18	13	7
MEAN	224.2	184.1	135.4	63.6	29.4	20.1	10.6	5.8	3.0	1.1
S.O.	43.4	45.3	58.5	37.8	26.9	20.5	11.9	7.3	3.9	1.9

Table B.3.2d.--Annual minimum runoff volumes in inches for 11 durations at Macks Creek (Reynolds, Idaho Site 046084).

YEAR*	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD
1965	2.76000E-04	8.67000E-04	2.21300E-03	5.20600E-03	1.36940E-02	5.12490E-02	9.37000E-02	1.36733E-01	2.34911E-01	4.31302E-01	1.635
1966	8.00000E-06	2.40000E-05	6.80000E-05	1.74000E-04	4.44000E-04	1.03600E-03	1.96300E-03	3.08900E-03	1.43500E-02	1.25189E-01	1.060
1967	2.70000E-05	8.80000E-05	2.24000E-04	4.96000E-04	1.08600E-03	2.94500E-03	5.38200E-03	9.05900E-03	4.54180E-02	3.51074E-01	1.048
1968	2.00000E-05	6.00000E-05	1.40000E-04	3.00000E-04	6.00000E-04	1.20000E-03	2.09400E-03	3.37000E-03	8.78900E-03	9.14067E-02	2.061
1969	4.50000E-05	1.45000E-04	3.45000E-04	7.45000E-04	1.72400E-03	4.65600E-03	7.97000E-03	1.23070E-02	3.34550E-02	4.32304E-01	2.435
1970	2.00000E-05	6.00000E-05	1.47000E-04	4.12000E-04	9.96000E-04	2.83100E-03	5.62100E-03	1.01340E-02	5.87011E-02	5.92439E-01	3.398
1971	5.00000E-05	1.83000E-04	6.63000E-04	1.69800E-03	3.90100E-03	9.02300E-03	1.68740E-02	4.19430E-02	1.62202E-01	7.82471E-01	4.697
1972	2.40000E-05	8.10000E-05	2.47000E-04	5.99000E-04	1.37500E-03	3.37900E-03	9.01700E-03	3.63180E-02	1.75424E-01	8.40592E-01	1.748
1973	8.00000E-06	2.40000E-05	8.00000E-05	2.46000E-04	7.02000E-04	1.50000E-03	2.83700E-03	5.02500E-03	6.73980E-02	1.00611E+00	3.643
1974	8.80000E-06	2.40000E-05	5.60000E-05	1.20000E-04	2.67000E-04	9.71000E-04	2.56900E-03	6.54700E-03	4.03320E-02	3.47828E-01	3.032
1975	2.93000E-04	9.22000E-04	2.26600E-03	5.38500E-03	1.12600E-02	2.34020E-02	5.93240E-02	1.22446E-01	4.05126E-01	1.22130E+00	4.287
1976	2.82000E-04	8.83000E-04	2.35700E-03	5.36900E-03	1.41910E-02	3.96090E-02	8.81330E-02	1.04657E-01	2.00881E-01	3.63450E-01	1.371
1977	8.00000E-06	2.40000E-05	6.20000E-05	2.23000E-04	7.40000E-04	1.55500E-03	2.99900E-03	5.50700E-03	2.47540E-02	2.00707E-01	1.046
1978	8.50000E-05	2.89000E-04	7.53000E-04	1.72000E-03	3.76900E-03	7.69300E-03	1.21720E-02	2.38920E-02	8.61420E-02	7.52776E-01	2.813
1979	1.40000E-05	5.40000E-05	1.40000E-04	3.14000E-04	8.26000E-04	2.03900E-03	4.48300E-03	8.37599E-03	4.49410E-02	4.84278E-01	1.515
1980	0.00000E+00	0.00000E+00	2.14000E-04	7.47000E-04	2.16000E-03	8.65000E-03	1.54760E-02	3.51760E-02	1.74876E-01	7.07016E-01	1.505
1981	2.80000E-05	9.10000E-05	2.92000E-04	7.83000E-04	1.81800E-03	4.71700E-03	1.19450E-02	2.46840E-02	1.37175E-01	9.39465E-01	4.612
MEAN	7.03529E-05	2.24647E-04	6.03941E-04	1.44335E-03	3.50312E-03	9.79147E-03	1.90685E-02	3.45472E-02	1.12640E-01	5.68806E-01	2.512
S.O.	1.03832E-04	3.25632E-04	8.22860E-04	1.80718E-03	4.70276E-03	1.46050E-02	2.72748E-02	4.35643E-02	1.04160E-01	3.23131E-01	1.233

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.2e.--Annual maximum runs (consecutive days) below 10 thresholds at Macks Creek (Reynolds, Idaho Site 046084).  
Thresholds are in cubic feet per second.

YEAR*	0.10	0.20	0.50	1.00	2.00	3.00	5.00	7.00	10.00	15.00
1965	3	15	50	82	198	201	287	308	310	311
1966	172	182	208	277	284	295	295	295	295	295
1967	122	152	177	183	248	252	254	325	325	326
1968	190	220	240	279	279	287	287	287	287	287
1969	144	166	200	238	254	258	268	273	278	282
1970	123	156	161	184	194	198	250	251	283	283
1971	76	88	133	150	200	203	225	238	246	249
1972	71	90	128	161	167	168	190	191	192	365
1973	130	141	169	197	208	229	234	235	265	269
1974	134	158	187	211	227	266	275	284	288	315
1975	1	47	75	76	96	96	155	157	159	203
1976	2	19	43	216	293	327	347	350	352	355
1977	144	172	183	186	258	258	308	308	338	338
1978	101	113	143	185	230	242	248	249	252	254
1979	89	95	176	192	235	242	245	246	286	365
1980	48	60	130	144	191	199	202	211	268	319
1981	79	123	148	162	206	229	232	239	241	242
MEAN	95.8	117.5	150.1	183.7	221.6	232.4	253.1	261.6	274.4	297.5
S.D.	57.8	58.9	54.0	55.0	48.4	53.5	46.4	49.6	48.4	45.7

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.2f.--Annual number of days the flow was below 10 thresholds at Macks Creek (Reynolds, Idaho Site 046084).  
Thresholds are in cubic feet per second.

YEAR*	0.10	0.20	0.50	1.00	2.00	3.00	5.00	7.00	10.00	15.00
1965	4	35	151	262	292	313	341	351	361	363
1966	172	186	243	277	308	344	357	358	360	361
1967	147	173	217	255	320	334	355	361	362	364
1968	190	226	253	282	297	325	337	343	352	358
1969	153	182	222	241	256	285	324	333	346	357
1970	124	156	179	211	241	287	323	334	342	350
1971	76	94	147	189	239	256	286	304	323	335
1972	87	90	136	188	289	319	334	349	361	365
1973	130	141	169	204	253	285	309	321	326	338
1974	134	159	207	244	278	293	304	317	330	353
1975	1	67	99	128	203	252	280	306	321	333
1976	2	31	180	300	322	327	347	351	356	362
1977	162	173	224	266	291	305	323	338	346	362
1978	101	136	184	244	276	287	319	334	346	352
1979	131	162	186	232	266	299	342	356	363	365
1980	82	101	140	211	299	319	344	358	362	364
1981	81	123	153	176	251	285	303	311	324	348
MEAN	104.5	131.5	181.8	230.0	275.4	300.9	325.2	336.8	345.9	354.7
S.D.	58.9	54.8	41.8	44.3	31.9	25.8	22.8	19.1	15.6	10.7

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.



Table 8.3.3a.--Annual maximum runoff volumes in inches for 11 durations at Tollgate (Reynolds, Idaho Site 116083).

WATER YEAR	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD
1967	2.09356E-01	6.02297E-01	1.34355E+00	2.48922E+00	4.53327E+00	6.67450E+00	7.30166E+00	7.85034E+00	8.64889E+00	8.98962E+00	9.095
1968	1.35077E-01	3.21529E-01	5.48523E-01	7.44575E-01	9.53076E-01	1.42851E+00	2.07149E+00	2.50173E+00	2.74723E+00	2.98395E+00	3.057
1969	4.24174E-01	7.22613E-01	1.24538E+00	2.36218E+00	4.11530E+00	7.16610E+00	8.59456E+00	9.04025E+00	1.09363E+01	1.14034E+01	11.471
1970	2.07982E-01	5.50895E-01	1.27040E+00	2.53156E+00	4.18428E+00	5.81495E+00	6.69777E+00	7.34403E+00	9.26674E+00	9.53837E+00	9.644
1971	2.75445E-01	7.24807E-01	1.64737E+00	3.19252E+00	4.85504E+00	7.87251E+00	1.02680E+01	1.12030E+01	1.37452E+01	1.47636E+01	14.980
1972	3.06545E-01	6.73597E-01	1.40233E+00	2.50600E+00	4.42318E+00	7.21134E+00	1.04845E+01	1.34164E+01	1.52090E+01	1.58969E+01	16.235
1973	1.40494E-01	3.01239E-01	6.77774E-01	1.39873E+00	2.61716E+00	3.88139E+00	4.30479E+00	4.58782E+00	5.45008E+00	5.88696E+00	6.001
1974	1.86926E-01	5.39766E-01	1.15915E+00	2.22217E+00	3.96480E+00	6.68993E+00	9.47744E+00	1.05061E+01	1.19630E+01	1.25964E+01	12.749
1975	2.87154E-01	8.24992E-01	1.78159E+00	3.18934E+00	6.33282E+00	9.19551E+00	1.07217E+01	1.16050E+01	1.26436E+01	1.30669E+01	13.315
1976	1.93197E-01	5.52659E-01	1.25311E+00	2.48263E+00	4.13111E+00	6.76828E+00	7.79517E+00	8.28200E+00	8.85989E+00	9.77155E+00	10.031
1977	2.01980E-02	5.76830E-02	1.23862E-01	2.42148E-01	4.31045E-01	8.11077E-01	9.80793E-01	1.07751E-01	1.24401E+00	1.48976E+00	1.512
1978	2.44156E-01	6.26668E-01	1.26297E+00	2.28192E+00	4.17725E+00	6.94223E+00	8.95418E+00	9.76168E+00	1.05099E+01	1.11761E+01	11.308
1979	1.43948E-01	4.25211E-01	9.56310E-01	1.84919E+00	3.23272E+00	4.46941E+00	5.11903E+00	5.75149E+00	6.39546E+00	6.6893E+00	6.773
1980	1.71122E-01	4.67362E-01	1.05713E+00	2.17622E+00	3.56990E+00	5.51214E+00	6.24651E+00	6.69293E+00	7.66708E+00	7.96075E+00	8.125
1981	1.77602E-01	4.19691E-01	8.52702E-01	1.50497E+00	2.03127E+00	2.80956E+00	3.33635E+00	3.85198E+00	4.25298E+00	4.54682E+00	4.582
1982	3.22720E-01	7.80525E-01	1.63205E+00	2.78701E+00	5.29321E+00	9.19067E+00	1.10888E+01	1.45123E+01	1.67237E+01	1.84742E+01	18.824
MEAN	2.15665E-01	5.36965E-01	1.13843E+00	2.12315E+00	3.67784E+00	5.77919E+00	7.09017E+00	8.00529E+00	9.14150E+00	9.70162E+00	9.856
S.O.	9.45321E-02	2.01037E-01	4.31807E-01	8.09718E-01	1.53468E+00	2.49548E+00	3.18212E+00	3.83212E+00	4.40942E+00	4.70545E+00	4.790

Table 8.3.3b.--Annual maximum runs (consecutive days) above 10 thresholds at Tollgate (Reynolds, Idaho Site 116083).  
Thresholds are in cubic feet per second.

WATER YEAR	1.00	2.50	5.00	10.00	25.00	50.00	75.00	100.00	150.00	200.00
1967	262	188	125	75	52	32	14	8	0	0
1968	265	128	115	29	5	1	1	0	0	0
1969	275	208	178	97	77	24	13	2	1	1
1970	208	189	177	88	45	26	14	4	0	0
1971	312	248	182	118	90	35	17	13	1	0
1972	338	258	182	140	117	42	18	2	1	0
1973	289	200	104	62	43	13	1	0	0	0
1974	314	267	187	119	101	31	12	2	0	0
1975	352	180	154	101	75	43	35	11	2	0
1976	320	238	119	100	62	26	17	2	0	0
1977	177	79	61	3	0	0	0	0	0	0
1978	258	225	160	115	88	31	9	3	0	0
1979	289	166	122	76	39	15	4	0	0	0
1980	227	190	103	77	62	22	13	0	0	0
1981	277	137	90	50	17	9	1	1	0	0
1982	338	287	194	151	85	57	36	8	1	0
MEAN	281.3	199.3	140.8	87.6	59.9	25.4	12.8	3.5	0.4	0.1
S.O.	48.6	55.1	40.9	39.1	33.9	15.4	10.9	4.2	0.6	0.3

Table 8.3.3c.--Annual number of days the flow was above 10 thresholds at Tollgate (Reynolds, Idaho Site 116083).  
Thresholds are in cubic feet per second.

WATER YEAR	1.00	2.50	5.00	10.00	25.00	50.00	75.00	100.00	150.00	200.00
1967	284	201	171	111	54	37	24	9	0	0
1968	279	140	115	55	5	2	1	0	0	0
1969	262	229	186	121	86	60	19	3	1	1
1970	279	193	178	147	56	39	18	7	0	0
1971	341	266	224	171	112	65	24	16	1	0
1972	363	295	194	158	125	79	43	4	2	0
1973	299	222	138	78	46	16	1	0	0	0
1974	316	267	199	136	108	59	17	2	0	0
1975	355	207	161	139	82	46	35	23	4	0
1976	345	280	188	108	67	41	18	4	0	0
1977	267	80	63	6	0	0	0	0	0	0
1978	294	235	179	122	91	45	18	3	0	0
1979	294	184	131	96	44	23	4	0	0	0
1980	311	195	155	97	66	25	14	0	0	0
1981	282	158	114	74	22	9	1	1	0	0
1982	345	315	228	171	145	76	54	27	4	0
MEAN	308.5	216.7	164.0	112.0	69.3	38.9	18.2	6.2	0.8	0.1
S.D.	31.5	61.0	43.4	44.3	41.5	25.0	15.7	8.5	1.4	0.3

Table 8.3.3d.--Annual minimum runoff volumes in inches for 11 durations at Tollgate (Reynolds, Idaho Site 116083).

YEAR*	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD
1966	1.5000E-05	6.5000E-05	2.2300E-04	5.3100E-04	1.1380E-03	3.5590E-02	1.6591E-02	6.0238E-02	2.82753E-01	1.19057E+00	4.173
1967	4.4500E-04	1.4730E-03	4.1990E-03	1.1947E-02	3.0965E-02	7.4287E-02	1.43031E-01	2.27227E-01	4.47961E-01	1.93128E+00	9.240
1968	1.6000E-05	6.0000E-05	1.5400E-04	3.9100E-04	2.5820E-03	4.6957E-02	6.57530E-02	1.13259E-01	3.95392E-01	1.78729E+00	4.423
1969	3.1000E-05	1.0400E-04	3.2600E-04	1.9610E-03	7.4140E-03	2.2329E-02	7.28400E-02	1.45570E-01	3.49692E-01	2.85905E+00	11.221
1970	1.3100E-04	4.3800E-04	1.3270E-03	3.6520E-03	1.4266E-02	4.86230E-02	1.19190E-01	2.54496E-01	1.08800E+00	4.33490E+00	12.028
1971	1.3740E-03	4.3460E-03	1.1460E-02	2.5086E-02	5.4779E-02	1.40078E-01	2.97425E-01	4.36495E-01	9.92271E-01	4.65396E+00	15.371
1972	1.6830E-03	5.3670E-03	1.3526E-02	3.2532E-02	6.8846E-02	1.7306E-01	2.97122E-01	4.34616E-01	1.03756E+00	2.22278E+00	11.477
1973	8.0000E-05	2.5800E-04	6.9200E-04	1.6440E-03	7.8830E-03	3.1675E-02	9.74540E-02	1.74935E-01	5.66089E-01	2.13895E+00	8.047
1974	6.1700E-04	1.9160E-03	4.8730E-03	1.14310E-02	2.4958E-02	7.1086E-02	1.57916E-01	2.66607E-01	5.34558E-01	2.14415E+00	10.802
1975	1.7440E-03	5.2860E-03	1.2598E-02	2.7979E-02	5.9273E-02	1.77634E-01	3.49658E-01	5.50089E-01	1.35773E+00	3.03371E+00	13.531
1976	7.7900E-04	2.6740E-03	6.6250E-03	1.6526E-02	5.2747E-02	1.31877E-01	2.21113E-01	3.05281E-01	4.57324E-01	8.34992E+00	8.575
1977	7.0000E-06	2.1000E-05	6.6000E-05	1.4708E-04	4.8900E-04	1.4050E-03	9.2930E-03	3.94040E-02	2.72926E-01	1.35768E+00	3.975
1978	5.4100E-04	1.9790E-03	5.5020E-03	1.7285E-02	4.6809E-02	1.15597E-01	1.90638E-01	2.74866E-01	5.43317E-01	1.93435E+00	9.894
1979	8.9000E-05	2.8900E-04	7.3600E-04	3.5400E-03	8.9570E-03	3.61550E-02	6.32090E-02	1.48869E-01	3.40033E-01	1.68935E+00	6.769
1980	5.7000E-04	1.9750E-03	6.4340E-03	1.4382E-02	3.04770E-02	1.07775E-01	1.82552E-01	2.64752E-01	5.99318E-01	1.62752E+00	7.926
1981	7.0000E-06	2.1000E-05	4.9000E-05	1.0500E-04	2.1000E-04	1.5570E-03	2.5490E-02	8.72700E-02	4.90473E-01	3.08498E+00	9.937
MEAN	5.08062E-04	1.64256E-03	4.29938E-03	1.05712E-02	2.57371E-02	7.39802E-02	1.44330E-01	2.36498E-01	6.09713E-01	2.30159E+00	9.274
S.D.	6.03767E-04	1.89105E-03	4.74092E-03	1.08550E-02	2.38725E-02	5.99462E-02	1.05830E-01	1.44456E-01	3.26595E-01	1.05916E+00	3.422

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table 8.3.3e.--Annual maximum runs (consecutive days) below 10 thresholds at Tollgate (Reynolds, Idaho Site 116083).  
Thresholds are in cubic feet per second.

YEAR*	1.00	3.00	5.00	7.00	10.00	15.00	20.00	50.00	100.00	150.00
1966	102	155	168	225	232	243	250	365	365	365
1967	27	152	214	227	234	235	250	297	297	365
1968	51	83	149	152	165	244	287	294	295	295
1969	77	157	165	198	201	206	220	238	257	365
1970	62	96	120	139	145	147	148	221	236	292
1971	6	65	126	136	142	147	202	232	251	333
1972	1	42	91	157	162	168	173	292	365	365
1973	60	131	140	143	194	229	231	244	365	365
1974	47	93	154	192	198	230	248	297	326	365
1975	2	46	67	93	95	96	113	168	296	301
1976	17	255	270	276	280	286	290	311	321	365
1977	121	157	166	179	215	257	257	259	365	365
1978	13	134	181	185	196	204	208	230	337	365
1979	61	103	196	201	205	214	217	266	365	365
1980	34	78	168	173	180	186	188	302	365	365
1981	84	139	147	161	189	201	205	235	242	262
MEAN	47.8	117.9	157.6	177.0	189.1	205.8	217.0	262.7	315.5	343.6
S.O.	36.3	53.6	47.4	43.3	42.6	48.1	47.1	46.2	48.8	35.3

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table 8.3.3f.--Annual number of days the flow was below 10 thresholds at Tollgate (Reynolds, Idaho Site 116083).  
Thresholds are in cubic feet per second.

YEAR*	1.00	3.00	5.00	7.00	10.00	15.00	20.00	50.00	100.00	150.00
1966	117	198	229	265	283	308	328	365	365	365
1967	49	200	214	235	256	296	302	326	356	365
1968	103	174	205	230	296	339	349	360	364	364
1969	90	179	190	198	216	264	279	305	362	365
1970	64	121	150	168	203	238	276	317	356	364
1971	17	105	170	189	208	222	236	285	348	363
1972	2	128	198	231	251	266	274	315	365	365
1973	72	146	194	236	265	286	293	337	365	365
1974	50	188	217	224	236	259	272	318	363	365
1975	5	89	150	204	232	264	270	318	342	361
1976	27	259	270	276	280	286	291	325	361	365
1977	137	175	226	271	325	343	344	356	365	365
1978	23	197	221	233	257	274	283	328	362	365
1979	90	195	220	241	270	293	308	342	365	365
1980	39	197	230	251	270	287	292	341	365	365
1981	99	141	173	204	242	266	281	337	355	362
MEAN	61.5	168.3	203.6	229.1	255.6	280.7	292.4	329.7	359.9	364.3
S.O.	41.5	43.6	31.9	30.2	32.7	31.9	29.0	20.9	6.9	1.3

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.4a.--Annual maximum runoff volumes in inches for 11 durations at Reynolds Mountain East (Reynolds, Idaho Site 166076).

WATER YEAR	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD
1964	6.24897E-01	1.79371E+00	3.80335E+00	7.00742E+00	1.21485E+01	1.70382E+01	1.88387E+01	1.93887E+01	1.97671E+01	2.06298E+01	21.017
1965	1.13734E+00	2.05459E+00	3.94167E+00	8.20405E+00	1.32375E+01	2.40346E+01	2.64351E+01	2.72335E+01	3.23763E+01	3.43378E+01	34.869
1966	2.69908E-01	7.68864E-01	1.69914E+00	3.13036E+00	4.84015E+00	7.53853E+00	8.40691E+00	8.70839E+00	9.10789E+00	9.65304E+00	9.862
1967	7.96220E-01	2.25779E+00	4.54612E+00	8.66384E+00	1.46677E+01	1.93221E+01	1.98336E+01	2.00444E+01	2.03896E+01	2.08188E+01	21.009
1968	1.37343E-01	3.05808E-01	6.28980E-01	1.14222E+00	2.10418E+00	3.56876E+00	4.86547E+00	5.79843E+00	6.10823E+00	6.50397E+00	6.692
1969	6.56801E-01	1.86958E+00	4.20043E+00	7.75015E+00	1.22214E+01	1.85649E+01	2.09345E+01	2.13057E+01	2.16877E+01	2.22825E+01	22.432
1970	8.07340E-01	2.32335E+00	5.15415E+00	9.79491E+00	1.39732E+01	1.79745E+01	1.86442E+01	1.89420E+01	1.96150E+01	1.98789E+01	20.059
1971	8.90771E-01	2.55472E+00	5.90732E+00	1.13012E+01	1.68055E+01	2.28888E+01	2.57507E+01	2.66768E+01	2.95191E+01	3.07519E+01	31.064
1972	6.91905E-01	2.05716E+00	4.41288E+00	8.22903E+00	1.63552E+01	2.48402E+01	2.83511E+01	3.08705E+01	3.28128E+01	3.48128E+01	33.407
1973	5.07138E-01	1.34362E-01	2.90490E-01	5.60804E+00	8.85813E+00	1.09479E+01	1.14832E+01	1.16808E+01	1.22780E+01	1.30240E+01	13.249
1974	6.89410E-01	1.95780E+00	4.04500E+00	7.09607E+00	1.20346E+01	2.08747E+01	2.37056E+01	2.48651E+01	2.57475E+01	2.64118E+01	26.640
1975	1.07546E+00	2.86892E+00	3.32626E+00	1.13535E+01	1.78519E+01	2.48636E+01	2.62019E+01	2.68895E+01	2.69978E+01	2.75592E+01	27.932
1976	7.48110E-01	2.09712E+00	4.74350E+00	8.69135E+00	1.34369E+01	1.75226E+01	1.98549E+01	1.98946E+01	2.04463E+01	2.18296E+01	22.347
1977	1.07034E-01	2.39792E-01	4.74180E-01	9.72269E-01	1.50134E+00	2.46426E+00	2.73412E+00	2.86904E+00	3.05019E+00	3.41362E+00	3.443
1978	7.11910E-01	1.83922E+00	3.78020E+00	7.07791E+00	1.23808E+01	1.70600E+01	2.07628E+01	2.18074E+01	2.23260E+01	2.33204E+01	23.492
1979	5.06344E-01	1.49298E+00	3.35357E+00	6.29574E+00	1.00057E+01	1.32372E+01	1.38685E+01	1.41488E+01	1.45512E+01	1.49733E+01	15.221
1980	4.96824E-01	1.45766E+00	3.25792E+00	6.66218E+00	1.06849E+01	1.57532E+01	1.71112E+01	1.73467E+01	1.78706E+01	1.84478E+01	18.795
1981	5.73066E-01	1.43266E+00	2.82546E+00	4.70387E+00	6.07152E+00	7.62278E+00	8.20319E+00	8.81442E+00	9.40437E+00	9.87765E+00	9.943
1982	6.29479E-01	1.83928E+00	4.15010E+00	7.73191E+00	1.37024E+01	2.14837E+01	2.59468E+01	2.70406E+01	2.98782E+01	3.16483E+01	32.044
MEAN	6.34595E-01	1.71339E+00	3.69280E+00	6.91768E+00	1.12043E+01	1.62106E+01	1.79806E+01	1.86281E+01	1.96462E+01	2.04302E+01	20.711
S.D.	2.69619E-01	6.90841E-01	1.53475E+00	2.87080E+00	4.66746E+00	6.87470E+00	7.74014E+00	8.02624E+00	8.76428E+00	9.06621E+00	9.178

Table B.3.4b.--Annual maximum runs (consecutive days) above 10 thresholds at Reynolds Mtn. East (Reynolds, Idaho Site 166076). Thresholds are in cubic feet per second.

WATER YEAR	0.02	0.03	0.04	0.05	0.10	0.40	0.70	1.00	2.00	4.00
1964	279	126	116	114	93	51	41	32	5	0
1965	314	254	181	176	101	69	60	34	7	1
1966	154	117	93	87	75	25	11	4	0	0
1967	138	87	82	78	66	45	38	33	13	0
1968	133	125	118	117	75	2	0	0	0	0
1969	117	112	105	102	93	61	53	28	11	0
1970	186	105	101	97	63	48	27	25	14	0
1971	263	250	190	188	110	63	49	34	15	0
1972	312	156	150	147	137	70	53	47	10	0
1973	227	90	84	82	63	34	25	15	1	0
1974	266	132	128	125	108	72	34	26	7	0
1975	247	107	103	93	76	64	48	32	18	1
1976	309	270	106	98	86	56	33	28	12	0
1977	82	73	61	58	27	1	0	0	0	0
1978	240	217	119	118	111	67	36	31	3	0
1979	133	125	92	89	72	45	20	16	5	0
1980	253	100	95	94	82	63	30	23	1	0
1981	141	135	129	104	62	21	15	10	2	0
1982	277	248	174	171	155	75	66	43	9	0
MEAN	214.3	148.9	117.2	112.5	87.1	49.1	33.6	24.3	7.0	0.1
S.D.	74.8	64.2	34.9	35.1	29.3	22.7	18.9	13.5	5.7	0.3

Table B.3.4c.--Annual number of days the flow was above 10 thresholds at Reynolds Mountain East (Reynolds, Idaho Site 166076).  
Thresholds are in cubic feet per second.

WATER YEAR	0.02	0.03	0.04	0.05	0.10	0.40	0.70	1.00	2.00	4.00
1964	290	159	140	133	98	58	44	32	6	0
1965	348	279	234	213	178	80	66	54	17	1
1966	254	156	110	97	77	35	12	5	0	0
1967	175	126	87	80	66	50	42	35	17	0
1968	176	135	120	119	95	7	0	0	0	0
1969	227	144	119	107	94	66	55	35	11	0
1970	191	133	112	104	73	49	34	31	14	0
1971	287	256	223	209	159	79	54	41	15	0
1972	327	230	167	157	137	92	57	48	22	0
1973	283	175	121	102	71	36	26	18	1	0
1974	273	213	162	150	122	73	62	46	11	0
1975	294	149	126	106	79	64	48	40	24	1
1976	325	294	206	157	94	65	37	28	13	0
1977	126	82	72	64	47	2	0	0	0	0
1978	245	233	153	136	117	77	45	33	6	0
1979	193	142	105	94	72	45	30	23	6	0
1980	291	165	112	103	83	63	43	24	3	0
1981	239	150	139	127	73	23	16	10	2	0
1982	302	274	247	204	169	91	72	57	12	0
MEAN	255.1	183.9	145.0	129.6	100.2	55.5	39.1	29.5	9.5	0.1
S.D.	60.3	60.6	50.0	42.9	37.2	25.9	20.9	17.0	7.6	0.3

Table B.3.4d.--Annual minimum runoff volumes in inches for 11 durations at Reynolds Mountain East (Reynolds, Idaho Site 166076).

YEAR*	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD
1963	8.09000E-04	2.73700E-03	7.21300E-03	1.73050E-02	4.83240E-02	1.32826E-01	2.46101E-01	4.48745E-01	1.10077E+00	1.75350E+00	9.327
1964	2.28300E-03	7.61200E-03	1.96870E-02	4.32950E-02	1.09471E-01	2.55212E-01	4.03257E-01	5.87617E-01	2.51729E+00	8.30019E+00	26.941
1965	1.95200E-03	5.85600E-03	1.36640E-02	3.06110E-02	9.44390E-02	3.00694E-01	4.69874E-01	7.12759E-01	1.12171E+00	2.51964E+00	28.508
1966	7.87000E-04	2.42700E-03	5.66300E-03	1.28290E-02	2.96490E-02	7.06700E-02	1.24141E-01	2.04456E-01	5.18056E-01	1.02214E+00	9.314
1967	9.81000E-04	4.82800E-03	1.16020E-02	3.06010E-02	7.32880E-02	1.55950E-01	2.66400E-01	4.13690E-01	7.10421E-01	2.92927E+00	22.363
1968	2.19000E-04	7.18000E-04	2.48500E-03	8.11500E-03	3.24950E-02	9.96960E-02	1.74508E-01	2.53932E-01	6.90196E-01	1.25166E+00	5.665
1969	6.18000E-04	1.97500E-03	4.88300E-03	1.21920E-02	3.04040E-02	7.61320E-02	1.43818E-01	2.12698E-01	4.05363E-01	1.36616E+00	22.331
1970	6.01000E-04	2.02200E-03	5.23500E-03	1.38470E-02	3.70520E-02	1.05472E-01	2.07638E-01	3.99755E-01	1.37239E+00	4.94104E+00	23.495
1971	1.73300E-03	5.56400E-03	1.42070E-02	3.22340E-02	6.96020E-02	2.08186E-01	4.99146E-01	7.45655E-01	1.159020E+00	4.57225E+00	30.271
1972	2.69900E-03	8.47100E-03	2.02540E-02	4.80670E-02	1.03471E-01	2.67713E-01	4.83683E-01	7.12256E-01	1.41014E+00	2.87344E+00	31.275
1973	1.80000E-04	1.20100E-03	4.50600E-03	1.14740E-02	2.76540E-02	9.18280E-02	1.80478E-01	3.12498E-01	7.87314E-01	1.98554E+00	13.897
1974	9.88000E-04	3.44400E-03	9.15700E-03	2.01910E-02	4.44490E-02	1.10085E-01	2.25082E-01	3.93040E-01	7.48724E-01	1.94965E+00	25.580
1975	2.87300E-03	8.78100E-03	2.13680E-02	4.84380E-02	9.88750E-02	2.99922E-01	5.75049E-01	9.65723E-01	1.98199E+00	4.80707E+00	28.970
1976	6.15000E-04	1.98900E-03	5.50700E-03	1.95600E-02	5.38130E-02	1.20094E-01	2.16768E-01	3.47324E-01	6.82342E-01	1.34070E+00	20.887
1977	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	9.38000E-03	5.74450E-02	4.87950E-01	1.58712E+00	5.762
1978	3.35000E-04	1.07000E-03	3.12000E-03	1.48370E-02	3.81910E-02	1.31738E-01	2.47186E-01	3.71325E-01	7.02467E-01	1.59906E+00	21.524
1979	4.00000E-04	1.75000E-03	4.48800E-03	1.39760E-02	5.27950E-02	1.44013E-01	2.26432E-01	4.44820E-01	8.41055E-01	1.56185E+00	15.411
1980	1.53200E-03	4.87500E-03	1.25520E-02	3.06040E-02	6.70830E-02	2.07148E-01	3.48035E-01	4.81055E-01	9.93888E-01	2.33163E+00	19.274
1981	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	1.13100E-03	4.33650E-02	1.60080E-01	7.51950E-01	3.51828E+00	12.942
MEAN	1.03650E-03	3.43789E-03	8.71532E-03	2.14840E-02	5.32135E-02	1.46237E-01	2.67911E-01	4.32889E-01	9.98289E-01	2.74791E+00	19.694
S.D.	8.90144E-04	2.76810E-03	6.65749E-03	1.45651E-02	3.22738E-02	8.94396E-02	1.56404E-01	2.28704E-01	5.30410E-01	1.81753E+00	8.302

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.4e.--Annual maximum runs (consecutive days) below 10 thresholds at Reynolds Mtn. East (Reynolds, Idaho Site 166076).  
Thresholds are in cubic feet per second.

YEAR*	0.01	0.02	0.03	0.05	0.10	0.40	0.70	1.00	1.50	3.00
1963	19	86	122	129	136	319	328	329	331	365
1964	1	27	30	84	164	177	186	195	198	266
1965	13	23	52	117	119	278	287	292	300	365
1966	82	120	130	150	293	313	324	326	365	365
1967	10	46	90	214	225	240	283	288	295	312
1968	30	74	80	125	152	335	365	365	365	365
1969	62	148	188	197	204	289	293	294	311	365
1970	29	53	110	120	126	148	166	222	391	309
1971	8	48	67	126	232	247	278	294	306	322
1972	0	21	46	73	159	273	282	287	294	365
1973	45	63	65	135	210	307	311	319	322	365
1974	48	62	96	103	262	277	281	287	298	365
1975	0	33	42	85	109	262	278	283	288	297
1976	28	117	135	201	275	288	293	307	315	321
1977	117	153	156	159	181	242	261	363	365	365
1978	20	41	87	237	267	289	294	310	313	365
1979	32	54	67	85	201	295	305	308	311	365
1980	7	39	40	102	174	286	301	305	327	365
1981	84	93	136	143	154	211	213	236	341	365
MEAN	33.4	68.5	91.5	136.5	191.7	267.2	285.7	295.3	312.9	345.9
S.D.	32.6	40.7	43.9	47.3	55.7	47.7	50.7	42.2	37.0	30.9

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.4f.--Annual number of days the flow was below 10 thresholds at Reynolds Mountain East (Reynolds, Idaho Site 166076).  
Thresholds are in cubic feet per second.

YEAR*	0.01	0.02	0.03	0.05	0.10	0.40	0.70	1.00	1.50	3.00
1963	31	97	234	253	281	340	354	356	362	365
1964	2	65	104	155	193	296	315	331	343	364
1965	13	34	160	235	259	296	305	313	326	365
1966	100	208	248	280	293	330	353	360	365	365
1967	31	164	212	247	274	312	323	330	339	363
1968	87	151	239	278	293	361	365	365	365	365
1969	112	180	232	259	299	310	330	349	365	365
1970	53	98	124	173	238	310	327	331	346	361
1971	22	50	142	210	232	284	315	327	342	355
1972	0	41	155	229	258	281	308	317	327	365
1973	59	111	174	241	277	328	339	347	354	365
1974	50	99	222	250	262	293	319	319	339	365
1975	0	37	73	212	278	301	317	325	334	356
1976	52	177	238	262	279	300	328	337	346	362
1977	122	156	165	268	299	357	361	363	365	365
1978	36	166	216	259	267	294	324	334	344	365
1979	56	94	201	267	292	320	335	342	352	365
1980	24	94	200	225	273	302	322	341	348	365
1981	85	123	144	205	245	334	346	353	361	365
MEAN	49.2	112.9	183.3	237.3	266.4	312.5	328.9	337.9	347.7	363.5
S.D.	37.5	53.3	50.7	34.1	25.6	23.3	19.2	15.7	12.1	3.0

\* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.4.1.--Annual maximum flows for selected durations at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).  
Discharge is in cubic feet per second (average for duration period).

WATER YEAR	INSTANTANEOUS		1 HOUR		3 HOUR		6 HOUR		12 HOUR	
	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW
1963	1-31 1700	2331.45	1-31 1600	2133.06	1-31 1559	1721.30	1-31 1545	1364.44	1-31 1500	994.04
1964	1-25 2200	185.41	1-25 2100	186.30	1-25 2000	181.49	1-25 1700	175.99	1-25 1530	145.44
1965	12-23 30	3850.40	12-22 2345	3800.63	12-22 2329	3477.02	12-22 2244	2632.69	12-22 2045	1684.16
1966	4- 1 2245	59.04	4- 1 2145	58.30	4- 1 2100	57.71	4- 1 2030	55.81	4- 1 1930	51.78
1967	6- 7 1630	264.61	6- 7 1600	249.77	6- 7 1550	229.37	1-21 1700	215.11	1-21 1440	176.20
1968	2-21 1500	327.16	2-21 1430	323.28	2-21 1345	287.60	2-21 1300	244.68	2-21 929	198.39
1969	1-21 200	899.76	1-21 136	876.28	1-21 119	847.46	1-21 49	845.94	1-21 0	799.11
1970	1-27 415	729.05	1-27 349	713.47	1-27 240	658.88	1-27 134	593.91	1-27 40	473.92
1971	1-18 515	540.42	1-18 515	540.44	1-18 500	530.38	1-18 340	514.28	1-17 2130	479.84
1972	3- 2 1800	677.84	3- 3 1730	669.73	3- 3 1659	649.81	3- 3 1600	614.80	3- 3 1529	569.87
1973	4-17 816	165.72	4-17 708	164.24	4-17 629	162.23	4-17 501	155.72	4-17 139	143.37
1974	3-29 2236	231.10	3-15 1849	282.55	3-15 1849	275.84	3-15 1744	265.47	3-17 1419	243.65
1975	3-25 946	281.14	3-25 1000	261.11	3-25 858	248.75	2-28 1402	236.12	6- 2 1715	222.37
1976	4- 5 1932	140.47	4- 6 1847	138.72	4- 6 1847	129.56	4- 6 1800	124.16	5-14 1730	110.40
1977	6-11 1724	1119.46	6-11 1715	449.79	6-11 1707	231.02	6-11 1704	126.52	6-11 1101	71.25
1978	4-26 645	588.84	4-26 628	570.95	4-26 615	543.37	4-26 600	489.69	4-26 520	385.23
1979	1-11 1416	1662.89	1-11 1351	1607.23	1-11 1259	1395.90	1-11 1200	1056.30	1-11 1137	750.65
1980	5- 6 1545	259.25	5- 7 1515	218.03	5- 7 1500	180.67	5- 7 1459	139.98	5- 7 1452	109.99
1981	4-20 833	251.35	4-20 753	250.63	4-20 650	244.72	4-20 610	231.19	4-20 501	185.09
1982	2-15 145	2082.42	2-15 120	1886.02	2-15 19	1629.85	2-16 104	1319.03	2-15 2249	1118.31
MEAN		835.54		769.13		684.15		570.09		445.15
S.D.		963.83		928.01		825.45		628.03		429.77

Table B.4.1. Continued

WATER YEAR	1 DAY		2 DAY		3 DAY		5 DAY		8 DAY	
	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW
1963	1-31 1500	698.02	1-31 1445	431.44	1-31 1445	312.17	1-31 1429	214.57	1-31 1429	144.27
1964	4- 1 1800	124.68	3-31 1900	106.59	3-31 1900	94.15	5-17 1659	81.49	5-15 1330	75.84
1965	12-22 2045	1117.98	12-22 1044	869.68	1-28 630	737.50	1-28 200	552.15	1-28 0	398.44
1966	4- 1 1800	44.34	3-31 1645	40.73	3-30 1900	39.35	3-29 1800	35.90	3-28 2044	31.94
1967	6- 5 2230	132.54	6- 6 304	128.38	6- 6 0	120.90	6- 5 2113	110.58	6- 5 2028	100.25
1968	2-21 730	137.69	2-20 104	107.85	2-21 745	99.43	2-19 1815	86.92	2-18 1829	65.42
1969	1-20 2055	677.37	1-20 1100	499.80	1-19 1559	385.42	1-19 1445	269.69	1-19 1259	196.56
1970	1-26 2130	329.42	1-26 1915	215.06	1-21 1200	167.36	1-22 1859	153.14	1-21 0	140.45
1971	1-17 1700	446.31	1-17 1330	371.20	1-17 500	332.38	1-16 2100	256.18	1-16 1530	191.82
1972	3- 3 400	512.93	3- 3 29	413.96	3- 3 29	334.87	2-27 2115	295.05	2-27 1945	252.44
1973	4-17 0	126.08	4-16 1758	101.25	4-16 2042	90.04	4-13 2038	90.20	4-13 2022	80.12
1974	3-17 408	225.31	3-16 1604	210.55	3-15 1244	208.59	3-14 1505	188.87	3-14 1237	157.05
1975	2-28 332	200.04	5-14 1059	177.05	5-14 0	171.00	5-13 1945	159.87	5-10 1845	148.18
1976	5-14 1734	103.72	5-13 1754	99.76	5-13 1754	97.00	5-12 0	93.77	5-10 1200	90.16
1977	6-11 1051	39.37	6-11 1034	21.93	6-11 734	15.83	6- 8 1025	11.06	6- 6 0	8.34
1978	4-26 600	302.77	4-26 520	279.78	4-26 445	247.83	4-26 406	201.83	4-26 406	163.63
1979	1-11 0	506.70	1-10 1919	313.92	1-10 1917	215.01	1-10 1911	133.20	1-10 1834	86.16
1980	4-24 2153	86.96	1-12 1448	75.93	5-31 1953	70.33	5-31 1953	68.71	5-31 1309	65.35
1981	4-20 408	135.42	4-20 346	113.44	4-20 346	99.31	4-20 315	84.28	4-20 243	74.10
1982	2-15 2200	873.63	2-14 1049	792.21	2-14 909	697.22	2-14 329	506.88	2-14 909	479.68
MEAN		341.06		268.52		226.78		179.72		147.51
S.D.		303.56		236.88		198.14		142.72		116.90



Table B.4.2.--Annual maximum flows for selected durations at Macks Creek (Reynolds, Idaho Site 046084).  
Discharge is in cubic feet per second (average for duration period).

WATER YEAR	INSTANTANEOUS			1 HOUR			3 HOUR			6 HOUR			12 HOUR		
	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW
1964	3-31	2200	166.28	4- 2	1600	143.38	4- 2	1359	143.38	4- 2	1059	143.38	4- 2	459	138.25
1965	1-28	2030	885.31	1-28	2015	836.00	1-28	2000	732.88	1-29	1644	691.63	1-29	1615	673.90
1966	3-13	1800	11.83	3-13	1715	11.42	3-13	1645	11.24	3-13	1600	10.42	3-13	1200	8.71
1967	1-21	1806	89.78	1-21	1740	83.13	1-21	1625	75.69	1-21	1630	72.40	1-21	1423	62.84
1968	2-21	1426	43.59	2-21	1426	41.61	2-21	1335	40.02	2-21	1236	34.44	2-21	952	26.59
1969	1-21	26	306.71	1-20	2345	289.75	1-20	2310	257.64	1-20	2310	242.10	1-20	2155	193.91
1970	1-27	356	240.84	1-27	322	235.13	1-27	215	202.26	1-27	34	166.25	1-26	306	115.75
1971	1-18	430	281.23	1-18	342	261.76	1-18	332	238.96	1-18	332	214.08	1-18	206	174.45
1972	3- 2	400	143.21	3- 3	340	140.04	3- 3	1600	129.17	3- 3	1330	115.33	3- 3	1035	82.80
1973	4-16	2328	54.29	4-16	2312	51.16	4-16	2242	46.73	4-16	2224	42.81	4-16	1717	40.00
1974	3-14	1626	71.36	3-14	1541	68.18	3-14	1541	65.29	3-14	1444	59.84	3-15	1200	52.44
1975	2-28	436	141.93	2-28	412	138.79	2-28	258	125.22	2-28	236	113.03	2-28	222	97.81
1976	12- 6	1514	34.90	12- 6	1439	34.15	12- 6	1406	31.10	12- 6	1156	26.22	12- 6	817	25.61
1977	6-11	1138	19.05	6-11	1730	11.27	6-11	1651	6.16	6-11	1617	3.83	6-11	1035	6.49
1978	4-26	718	86.05	4-26	644	83.84	4-26	542	75.68	4-26	525	65.80	4-27	313	49.19
1979	1-11	1248	300.11	1-11	1148	287.78	1-11	1118	261.72	1-11	1045	197.90	1-11	1027	149.22
1980	1-12	1634	37.48	1-12	1518	35.20	1-12	1506	33.72	1-12	1437	28.19	1-12	1333	21.14
1981	2-14	709	46.58	2-14	631	45.68	4-20	637	43.23	4-20	546	39.45	4-20	424	29.78
1982	2-15	44	263.41	2-15	17	248.23	2-14	2356	208.17	2-14	2322	164.02	2-14	1375	158.55
MEAN			169.68			160.34			143.59			128.11			110.40
S.D.			200.88			189.99			166.35			154.73			148.45

Table B.4.2. Continued

WATER YEAR	1 DAY			2 DAY			3 DAY			5 DAY			8 DAY		
	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW
1964	4- 1	2200	130.35	4- 1	0	101.03	3-31	1229	80.98	3-30	1600	53.65	3-29	1730	36.46
1965	1-29	1559	659.92	1-28	1729	634.47	1-28	829	617.17	1-28	0	489.60	1-27	2329	316.14
1966	3-13	745	6.91	3-13	600	5.13	3-13	430	4.41	3-12	1945	3.64	3- 9	2015	3.82
1967	1-21	833	40.75	1-21	542	23.86	1-27	1100	17.40	1-27	1100	13.59	1-21	1412	11.87
1968	2-21	803	18.01	2-20	0	13.51	2-21	803	12.18	2-18	1549	10.84	2-18	1434	8.62
1969	1-20	1157	150.59	1-20	907	107.02	1-19	1408	82.74	1-19	1249	56.41	1-19	1249	39.97
1970	1-26	1915	75.78	1-26	1757	45.42	1-26	1555	33.40	1-22	926	27.56	1-21	202	26.20
1971	1-17	1611	143.85	1-17	111	104.18	1-17	111	84.58	1-16	1518	60.46	1-16	1344	41.85
1972	3- 3	120	93.26	3- 3	19	72.00	3- 3	0	58.75	2-28	329	48.19	2-28	329	48.19
1973	4-16	1425	34.42	4-15	1639	26.37	4-14	1138	24.58	4-13	1945	23.41	4-13	1945	20.19
1974	3-17	0	46.88	3-14	1306	43.74	3-14	1444	43.58	3-14	1221	40.24	3-12	1302	36.69
1975	2-28	57	77.48	2-28	57	51.73	2-27	2006	41.76	2-27	1740	30.73	2-27	1264	22.71
1976	4- 9	1245	20.29	4- 8	1852	18.73	4- 8	1604	17.75	4- 8	1324	16.27	4- 6	1552	15.65
1977	6-11	1035	2.06	6-11	1035	1.32	4- 4	2042	1.16	3- 6	0	1.02	3- 6	0	1.02
1978	4-27	137	43.48	4-26	451	40.26	4-26	419	34.95	4-26	413	27.83	4-26	401	21.98
1979	1-10	2149	106.01	1-10	1753	64.13	1-10	1753	43.40	1-10	1740	26.63	1-10	1736	17.00
1980	1-12	1234	14.38	1-12	1330	13.06	1-12	1234	11.33	1-12	1234	9.37	1-11	2307	7.11
1981	4-20	424	20.39	4-20	347	19.21	4-20	257	15.91	4-20	257	12.31	4-20	149	9.27
1982	2-14	631	127.19	2-14	647	114.76	2-14	406	98.15	2-14	337	74.44	2-14	406	68.11
MEAN			95.37			78.94			69.69			54.01			39.07
S.D.			145.15			139.39			135.79			107.51			69.17



Table B.4.3.--Annual maximum flows for selected durations at Tollgate (Reynolds, Idaho Site 116083).  
Discharge is in cubic feet per second (average for duration period).

WATER YEAR	INSTANTANEOUS		1 HOUR		3 HOUR		6 HOUR		12 HOUR	
	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW
1966	4- 1 1945	59.03	4- 1 1845	58.69	4- 1 1730	57.15	4- 1 1630	55.25	4- 1 1545	49.81
1967	6- 7 1358	288.07	6- 7 1343	265.59	6- 7 1337	225.80	6- 7 1330	186.13	6- 7 1319	147.56
1968	2-21 1252	185.76	2-21 1219	181.66	2-21 1059	155.59	2-21 929	130.10	2-21 741	114.07
1969	1-21 442	404.91	1-21 330	390.54	1-21 330	375.31	1-21 236	354.83	1-20 2327	319.89
1970	1-27 414	240.06	1-27 344	226.75	1-27 303	216.55	1-27 51	195.19	1-26 2327	163.91
1971	1-18 638	196.19	1-18 504	195.43	1-18 504	192.95	1-18 353	187.01	1-18 318	172.30
1972	3- 2 1742	270.79	3- 3 1742	267.99	3- 3 1740	267.90	3- 3 1630	261.57	3- 3 1525	236.86
1973	4-17 38	146.49	4-17 0	140.10	4-16 2323	131.85	4-16 2224	120.71	4-16 2004	101.30
1974	3-29 2118	194.68	3-29 2025	197.22	3-29 2025	184.09	3-29 1931	169.14	3-29 1759	141.98
1975	6- 2 1554	231.49	6- 2 1531	225.38	6- 2 1813	212.46	6- 2 1521	211.97	6- 2 1447	196.74
1976	5-10 1906	129.70	5-11 1937	129.71	5-11 1738	127.77	5-11 1730	126.24	5-11 1439	122.28
1977	4- 8 1842	16.99	4- 8 1842	16.30	4- 8 1744	16.26	4- 8 1628	15.27	4- 8 1534	13.26
1978	4-26 357	229.80	4-26 357	226.39	4-26 320	214.25	4-26 315	197.39	4-26 240	168.56
1979	1-11 1203	120.70	1-11 1144	114.65	1-11 1107	106.37	1-11 1040	93.09	5-16 1312	87.90
1980	4-23 2000	163.33	4-24 1943	154.41	4-24 1925	131.29	4-24 1914	116.89	4-24 1914	105.05
1981	2-16 1935	165.76	2-16 1852	157.14	4-20 524	144.68	4-20 331	143.16	4-20 228	123.29
1982	12-19 2140	427.45	12-19 2122	423.67	12-19 2053	408.67	12-19 1930	367.93	12-19 1809	282.25
MEAN		204.36		197.74		186.45		172.46		149.82
S.O.		105.97		103.44		99.95		92.81		77.84

Table B.4.3. Continued

WATER YEAR	1 DAY		2 DAY		3 DAY		5 DAY		8 DAY	
	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW
1966	4- 1 1500	41.53	5- 5 1345	40.03	5- 4 1500	38.89	5- 4 1630	37.02	5- 2 1715	35.48
1967	6- 7 1319	121.22	5-22 0	117.92	5-21 1945	114.26	5-19 1245	109.70	5-17 1313	108.40
1968	2-21 449	79.40	2-20 0	51.16	2-21 600	62.54	2-19 1750	53.61	2-19 1249	41.63
1969	1-20 1922	256.87	1-20 1055	173.06	1-19 1907	137.29	5-10 1415	103.19	5- 8 1555	99.44
1970	1-26 2144	119.44	5-17 1604	108.26	5-17 1428	105.73	5-22 1455	103.80	5-17 1604	102.57
1971	1-18 126	156.15	1-18 126	143.21	5- 6 1831	137.81	5- 4 1513	135.11	5- 4 1513	132.92
1972	2-28 511	193.57	2-27 1922	146.69	3- 3 329	123.80	2-28 252	127.37	2-28 252	114.03
1973	4-16 1823	85.30	4-16 1624	67.50	4-16 1624	58.41	5- 5 1517	55.03	5- 7 1345	54.52
1974	3-29 1624	115.24	5- 7 1420	105.35	5- 7 1253	102.18	5- 5 1515	97.83	5- 4 1447	92.46
1975	6- 2 1359	173.48	5-14 1358	162.03	5-14 1245	156.68	5-14 1358	153.65	5-12 1415	139.85
1976	5-11 1309	114.40	5-10 1620	108.56	5-10 1237	104.87	5-10 1620	104.18	5- 8 1513	100.29
1977	5- 9 1847	11.64	5- 9 1601	11.13	5- 9 1601	11.13	5- 9 1601	10.55	5- 9 1237	9.86
1978	4-26 240	141.80	4-26 213	127.46	4-26 146	118.33	4-26 102	107.94	4-26 0	99.90
1979	5-16 1312	83.53	5-16 1312	81.29	5-16 1312	80.42	5-15 1335	78.90	5-15 1709	77.27
1980	4-24 1914	102.39	4-24 1534	92.74	4-23 1359	89.23	4-24 1855	85.93	4-23 1359	85.43
1981	4-20 135	100.49	4-19 1932	87.68	4-19 1758	79.41	4-19 1758	72.80	4-19 1630	67.65
1982	12-19 1510	200.79	2-20 1057	154.67	2-19 759	152.75	2-19 443	131.74	2-14 2336	130.49
MEAN		123.37		105.22		98.57		92.26		87.78
S.O.		60.18		44.45		40.21		37.56		36.17

Table B.4.4.--Annual maximum flows for selected durations at Reynolds Mountain East (Reynolds, Idaho Site 166076).  
Discharge is in cubic feet per second (average for period).

WATER YEAR	INSTANTANEOUS		1 HOUR		3 HOUR		6 HOUR		12 HOUR	
	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW
1963	4-29 1500	4.16	4-29 1500	3.96	4-29 1359	3.74	4-29 1300	3.35	4-29 1200	2.59
1964	5-16 1600	3.60	5-17 1600	3.52	5-17 1500	3.52	5-17 1359	3.39	5-17 1200	2.97
1965	12-23 215	10.70	12-23 200	9.21	12-23 200	8.63	12-23 59	8.29	12-22 2329	6.64
1966	5- 5 1900	1.43	5- 5 1800	1.41	5- 5 1600	1.41	5- 5 1600	1.37	5- 5 1200	1.28
1967	5-22 1604	5.44	5-22 1354	5.20	5-22 1354	5.17	5-22 1304	4.95	5-22 1109	4.22
1968	8-10 2100	1.48	8-11 2040	0.88	2-23 1320	0.82	2-23 1320	0.80	2-23 1200	0.78
1969	5-12 1650	3.88	5-12 1550	3.71	5-12 1550	3.52	5-10 1435	3.34	5-10 1200	3.17
1970	5-17 1700	5.89	5-17 1515	5.48	5-17 1515	5.40	5-17 1424	5.04	5-17 1154	4.15
1971	5- 4 1605	5.77	5- 7 1359	5.57	5- 7 1335	5.47	5- 7 1250	5.20	5- 7 1200	4.55
1972	6- 6 1500	6.26	6- 7 1730	4.82	6- 7 1600	3.89	6- 7 1359	3.76	5-16 1215	3.38
1973	5- 8 1600	3.31	5- 8 1620	3.30	5- 8 1424	3.22	5- 8 1250	3.01	5- 8 1200	2.65
1974	5- 7 1610	4.33	5- 8 1500	4.25	5- 8 1424	4.13	5- 8 1354	3.94	5- 8 1200	3.52
1975	6- 2 1400	9.27	6- 2 1350	8.02	6- 2 1339	6.85	6- 2 1339	6.74	6- 2 1200	5.82
1976	5-13 1650	4.59	5-14 1650	4.41	5-14 1605	4.41	5-14 1430	4.29	5-14 1205	3.91
1977	4-16 1755	0.93	4-16 1754	0.88	4-16 1645	0.87	4-16 1535	0.81	4- 8 1809	0.63
1978	5-14 1545	4.50	5-14 1545	4.46	5-14 1545	4.42	5-14 1330	3.24	5-14 1154	3.78
1979	5-15 1535	3.52	5-15 1535	3.38	5-15 1359	3.33	5-15 1309	3.16	5-15 1130	2.72
1980	4-22 1530	3.69	4-23 1430	3.48	4-23 1354	3.38	4-23 1314	3.10	5- 2 1154	2.64
1981	4-20 245	4.54	4-20 220	4.38	4-20 139	3.88	4-20 145	3.48	4-19 2200	3.12
1982	5-22 1700	3.54	5-22 1659	3.50	5-22 1539	3.50	5-22 1409	3.43	5-22 1229	3.18
MEAN		4.54		4.19		3.98		3.78		3.28
S.O.		2.35		2.02		1.84		1.78		1.46

Table B.4.4. Continued

WATER YEAR	1 DAY		2 DAY		3 DAY		5 DAY		8 DAY	
	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW	DATE TIME	FLOW
1963	4-29 1200	1.83	4-29 1200	1.75	4-29 1130	1.55	4-29 1200	1.41	4-29 1130	1.40
1964	5-20 1059	2.59	5-19 1359	2.66	5-19 1300	2.59	5-17 1300	2.41	5-16 1300	2.24
1965	12-22 2100	4.88	12-22 2000	3.92	12-22 1514	3.03	4-19 759	2.46	4-19 759	2.35
1966	5- 5 1359	1.16	5- 5 1200	1.13	5- 4 1130	1.10	5- 2 1200	1.05	5- 2 1200	1.03
1967	5-22 1354	3.42	5-22 1034	3.35	5-21 1534	3.20	5-21 1209	2.94	5-17 1345	2.75
1968	2-23 840	0.70	2-23 300	0.51	4-11 1339	0.45	4-11 1200	0.41	4-28 1535	0.37
1969	5-13 1139	2.80	5-12 1550	2.73	5-12 1439	2.66	5-10 1200	2.60	5- 8 1360	2.49
1970	5-26 820	3.44	5-25 824	3.37	5-24 1229	3.29	5-22 1209	3.20	5-19 1350	3.02
1971	5- 7 900	3.77	5- 6 1605	3.69	5- 6 1730	3.61	5- 7 900	3.59	5- 4 1409	3.53
1972	5-16 1215	2.97	5-16 1215	2.96	5-15 1500	2.94	5-14 1300	2.79	5-14 1300	2.63
1973	5- 8 1250	2.17	5- 7 1614	2.05	5- 6 1500	1.93	5- 5 1454	1.85	5- 5 1529	1.74
1974	5- 8 1150	2.99	5- 7 1144	2.90	5- 7 1059	2.80	5- 5 1229	2.57	5- 4 1314	2.39
1975	6- 2 1109	4.70	6- 1 1520	4.25	6- 1 1415	4.05	6- 1 1520	3.94	5-30 1359	3.78
1976	5-14 1205	3.37	5-14 1035	3.10	5-13 1150	2.96	5-11 1050	2.94	5-10 1515	2.82
1977	4- 8 1200	0.48	4- 7 1454	0.41	4- 7 0	0.34	4- 7 2150	0.29	4-15 1809	0.29
1978	5-14 1030	3.19	5-13 1245	2.85	5-13 1115	2.62	5-10 1300	2.35	5- 9 1200	2.24
1979	5-16 1109	2.22	5-15 1130	2.19	5-15 1200	2.15	5-15 1130	2.10	5-15 1059	2.04
1980	4-24 1730	2.20	5- 2 1154	2.10	5- 2 1154	2.07	5- 2 1154	2.02	4-29 1059	1.95
1981	4-19 1200	2.50	4-18 1824	2.42	4-18 1600	2.07	4-18 2105	1.84	4-18 1529	1.68
1982	5-22 1229	2.72	5-21 1130	2.65	5-21 1130	2.60	5-21 1209	2.59	5-19 1300	2.45
MEAN		2.73		2.55		2.40		2.27		2.16
S.O.		1.14		1.03		0.97		0.95		0.91

Table 8.5.1.--Partial duration series at Reynolds Creek Outlet (Reynolds, Idaho Site 036068). Base is 300 cfs.

WATER YEAR	DATE	FLOW (cfs)
1963	1-31-63	2331.45
1963	2- 1-63	443.83
1963	4- 6-63	313.29
1965	12-23-64	3850.40
1965	12-24-64	1664.19
1965	1-24-65	331.88
1965	1-28-65	1113.44
1965	5-23-65	352.94
1965	8- 3-65	363.00
1965	8- 3-65	366.40
1965	8-20-65	520.44
1965	8-22-65	325.60
1968	2-21-68	327.16
1969	1-21-69	899.76
1969	6-19-69	301.31
1970	1-27-70	729.05
1971	1-18-71	540.42
1971	3-12-71	314.80
1971	3-23-71	368.11
1972	1-18-72	589.14
1972	1-22-72	521.80
1972	2-29-72	481.24
1972	3- 2-72	677.84
1977	6-11-77	1119.46
1978	4-26-78	588.84
1979	1-11-79	1662.89
1982	12-20-81	542.18
1982	2-15-82	2082.42
1982	2-19-82	597.07
1982	4-11-82	861.78

Table 8.5.2.--Partial duration series at Macks Creek (Reynolds, Idaho Site 046084). Base is 70 cfs.

WATER YEAR	DATE	FLOW (cfs)
1964	3-31-64	166.28
1965	1-23-65	73.82
1965	1-28-65	885.31
1965	8-22-65	76.34
1965	8-23-65	85.14
1967	1-21-67	89.78
1969	1-21-69	306.71
1970	1-22-70	78.91
1970	1-27-70	240.84
1971	1-18-71	281.23
1971	3-23-71	133.14
1972	1-18-72	102.64
1972	1-22-72	96.56
1972	3- 2-72	143.21
1972	6- 9-72	78.05
1974	3-14-74	71.36
1975	2-13-75	73.82
1975	2-28-75	141.93
1975	3-25-75	115.54
1978	4-26-78	86.05
1979	1-11-79	300.11
1979	3- 6-79	70.55
1982	12-20-81	83.33
1982	2-15-82	263.41
1982	2-19-82	104.72
1982	4-11-82	138.11

Table 8.5.3.--Partial duration series at Tollgate (Reynolds, Idaho Site 116083). Base is 150 cfs.

WATER YEAR	DATE	FLOW (cfs)
1967	6- 7-67	288.07
1968	2-21-68	185.76
1969	1-21-69	404.91
1970	1-27-70	240.06
1971	1-18-71	196.19
1971	3-26-71	160.66
1971	5- 6-71	193.17
1972	1-22-72	191.67
1972	3- 2-72	270.79
1974	3-29-74	194.68
1975	6- 2-75	231.49
1978	4-26-78	229.80
1980	4-23-80	163.33
1981	2-16-81	168.76
1982	12-19-81	427.45
1982	2-16-82	214.96
1982	4-11-82	397.58

Table 8.5.4.--Partial duration series at Reynolds Mountain East (Reynolds, Idaho Site 166076). Base is 3.50 cfs.

WATER YEAR	DATE	FLOW (cfs)
1963	4-29-63	4.16
1964	5-16-64	3.60
1965	12-23-64	10.70
1965	5-22-65	4.33
1967	5-22-67	5.44
1969	5-12-69	3.88
1970	5-17-70	5.89
1971	5- 4-71	5.77
1972	6- 6-72	6.26
1974	5- 7-74	4.33
1974	6- 5-74	4.27
1975	6- 2-75	9.27
1976	5-13-76	4.59
1978	5-14-78	4.50
1979	5-15-79	3.52
1980	4-22-80	3.69
1981	4-20-81	4.54
1982	5-22-82	3.54



**Section C**

**EROSION AND SEDIMENT**



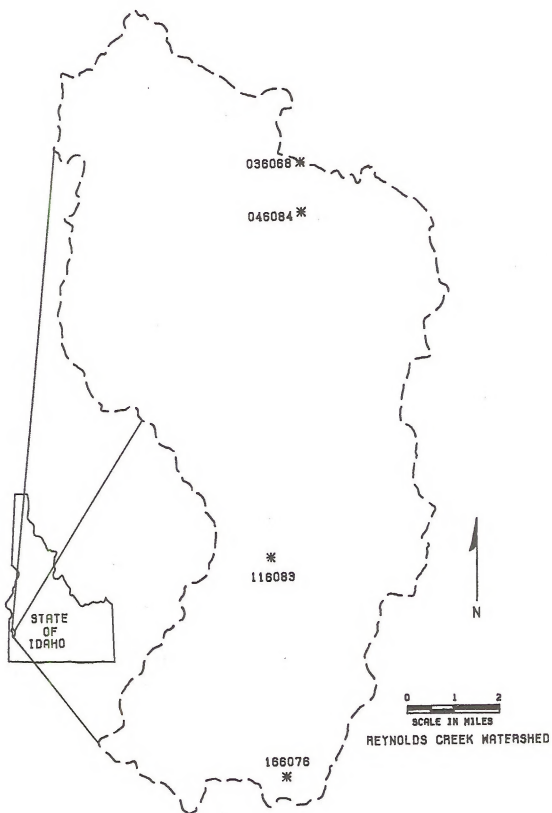


Figure C.1.--Sediment sites.





Table C.1.--Monthly suspended sediment in tons at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1967	--	--	--	4689.53	--	--	--	4695.49	4002.01	--	--	--	13467.02
1968	--	--	--	--	4334.05	--	--	--	--	--	--	--	4334.05
1969	--	--	--	37734.87	--	314.06	986.24	--	302.39	--	--	--	93337.56
1970	--	--	--	14626.96	--	127.30	--	415.67	--	--	--	--	15369.53
1971	--	396.24	70.15	21949.27	--	6120.71	145.93	428.77	--	--	--	--	57111.06
1972	--	--	--	10341.42	9414.53	16519.00	--	--	1124.19	--	--	--	57111.06
1973	--	--	114.56	--	--	--	2421.91	--	--	--	--	--	2536.47
1974	--	--	--	1486.23	--	4076.83	140.78	--	58.68	--	--	--	5762.72
1975	--	--	--	87.52	2014.48	240.76	4352.86	2016.51	201.39	--	--	--	9689.77
1976	109.94	--	174.32	211.15	240.45	253.99	869.26	1003.78	--	--	--	--	2909.44
1977	0.36	1.83	--	21.15	2.83	2.68	2.37	5.98	323.28	0.56	0.29	--	3256.71
1978	0.16	1.05	248.73	12.78	66.41	970.38	6480.21	409.38	54.75	9.89	2.21	0.47	8256.45
1979	0.62	2.24	7.44	5899.45	2834.55	2312.74	62.66	529.24	21.56	1.75	0.75	0.92	11673.91
1980	1.84	2.38	6.95	828.83	460.96	65.42	706.35	1910.11	239.63	7.33	1.71	5.62	4237.10
1981	5.13	15.24	82.07	29.80	618.43	55.85	1019.38	24.33	0.38	2.85	3.71	9.34	1866.52
1982	0.68	3.09	3194.50	93.37	23088.96	606.50	4544.94	587.43	325.26	65.40	3.79	3.78	32517.71

Note: Pre-1977 data is storm data only. No data collected during low concentration periods.

Table C.2.--Monthly suspended sediment in tons at Hacks Creek (Reynolds, Idaho Site 046084).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1968	--	--	--	--	381.28	--	--	--	--	--	--	--	381.28
1969	--	--	--	6148.63	--	81.63	90.15	--	--	--	--	--	6320.41
1970	--	--	--	3430.40	--	119.52	--	--	--	--	--	--	3549.92
1971	--	19.97	23.88	4636.10	--	1138.53	--	--	--	--	--	--	5818.07
1972	--	22.26	128.31	1990.06	806.49	2184.31	4.93	--	281.72	--	--	--	1147.12
1973	--	--	86.36	90.34	--	--	970.42	--	--	--	--	--	1213.96
1974	--	--	--	496.44	--	717.52	--	--	--	--	--	--	1982.53
1975	--	--	--	496.44	1032.50	517.36	291.69	24.26	--	52.52	--	--	224.54
1976	26.58	--	40.57	44.22	29.42	39.55	42.29	--	--	1.57	--	--	7.19
1977	0.01	0.44	0.38	0.41	0.75	0.64	0.61	0.43	3.22	0.06	0.01	0.01	553.98
1978	0.01	0.01	3.09	2.59	19.49	161.11	351.27	15.17	0.89	0.29	0.04	0.03	1634.38
1979	0.04	0.42	1002.45	177.61	437.68	8.12	7.41	0.32	0.32	0.06	0.02	0.10	87.12
1980	0.02	0.16	0.86	28.60	26.01	9.27	6.62	7.39	7.58	0.47	0.04	0.10	143.03
1981	1.17	4.05	18.37	6.88	59.35	5.13	45.60	0.31	0.00	0.27	0.43	1.76	183.03
1982	0.10	0.82	123.91	6.73	2212.77	76.35	247.12	11.94	0.89	0.84	0.16	0.13	2681.75

Note: Pre-1977 data is storm data only. No data collected during low concentration periods.

Table C.3.--Monthly suspended sediment in tons at Tollgate (Reynolds, Idaho Site 116083).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1967	--	--	--	221.63	--	23.04	--	5006.10	3867.36	--	--	--	9118.14
1968	--	--	--	--	1571.07	--	--	--	--	--	--	--	1571.07
1969	--	19.49	--	7403.65	--	326.18	1581.32	1063.88	--	--	--	--	10394.52
1970	--	--	--	1498.19	--	19.81	50.32	4194.90	28.73	--	--	--	5791.95
1971	--	220.87	42.51	2931.35	--	999.47	--	3625.03	--	--	--	--	7819.22
1972	--	--	--	889.71	1881.13	3022.96	148.76	1153.32	--	--	--	--	7095.88
1973	--	--	--	87.21	--	--	740.85	243.62	--	--	--	--	1071.68
1974	--	--	--	501.97	0.97	998.12	217.73	511.22	--	--	--	--	5695.79
1975	--	--	5.13	64.21	147.49	162.08	3793.91	--	1690.08	33.29	--	--	2200.46
1976	52.43	--	94.73	0.32	0.75	10.83	1520.92	--	3.52	0.29	0.01	0.01	51.00
1977	0.37	0.70	101.53	4.36	8.87	520.11	1245.64	368.63	21.76	3.88	0.39	0.20	2280.13
1978	0.37	0.70	101.53	4.36	8.87	520.11	1245.64	368.63	21.76	3.88	0.39	0.20	2280.13
1979	0.23	0.66	1.87	115.01	248.38	452.00	135.83	668.36	35.76	1.28	0.72	0.09	1660.18
1980	0.71	0.37	0.45	68.47	111.95	18.41	1012.89	282.86	117.80	7.24	0.81	2.82	1604.79
1981	1.77	4.32	64.17	27.22	399.96	42.38	566.32	30.58	0.03	1.33	1.01	1.62	1140.71
1982	0.76	5.93	1860.85	36.82	1616.45	142.88	1542.24	841.30	225.39	54.28	3.75	2.82	6333.46

Note: Pre-1977 data is storm data only. No data collected during low concentration periods.

Table C.4.--Monthly suspended sediment in tons at Reynolds Mountain East Basin (Reynolds, Idaho Site 166076).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1969	--	--	--	--	--	--	1.97	8.56	0.61	--	--	--	11.13
1970	--	--	--	--	--	--	--	21.83	0.00	--	--	--	21.83
1971	--	0.41	--	0.24	--	--	0.22	2.30	--	--	--	--	3.16
1972	--	--	--	--	0.09	0.45	0.96	6.51	3.54	--	--	--	11.84
1973	--	--	--	--	--	--	2.34	4.53	--	--	--	--	10.87
1974	--	--	--	0.03	--	0.05	2.60	4.05	0.72	--	--	--	8.54
1975	--	--	--	--	--	--	1.11	7.23	4.44	0.05	--	--	8.37
1976	0.00	0.00	0.04	0.00	0.00	0.01	0.42	0.13	0.02	0.00	0.00	0.00	0.59
1977	0.00	0.01	0.16	0.01	0.00	0.53	1.12	4.84	0.24	0.02	0.00	0.00	6.94
1978	0.00	0.01	0.00	0.01	0.00	0.02	1.02	4.58	0.19	0.01	0.03	0.00	5.86
1979	0.00	0.01	0.00	0.01	0.00	0.02	1.02	4.58	0.19	0.01	0.03	0.00	5.86
1980	0.02	0.01	0.01	0.02	0.01	0.01	5.32	3.27	0.45	0.02	0.00	0.02	9.17
1981	0.01	0.02	0.04	0.23	0.26	0.06	5.30	0.20	0.00	0.01	0.00	0.00	6.12
1982	0.01	0.05	0.33	0.02	0.27	0.07	0.94	6.03	0.83	0.16	0.01	0.01	8.72

Note: Pre-1977 data is storm data only. No data collected during low concentration periods.

**Section D**

**WATER QUALITY**



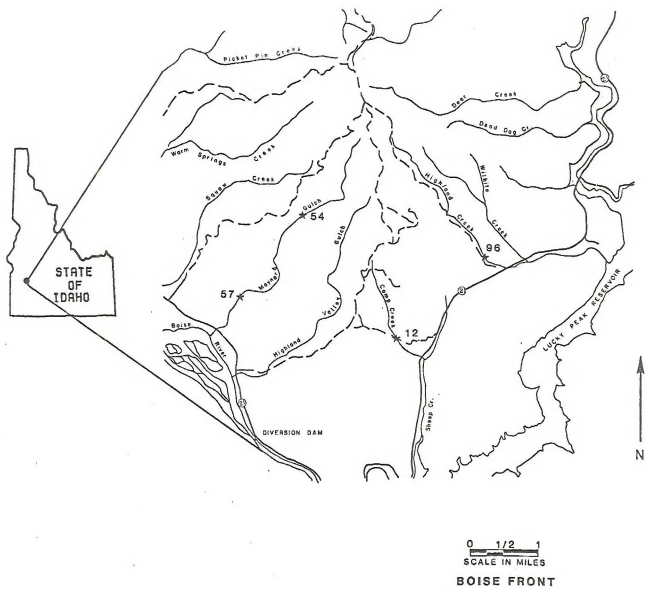


Figure D.1.--Water quality sites.



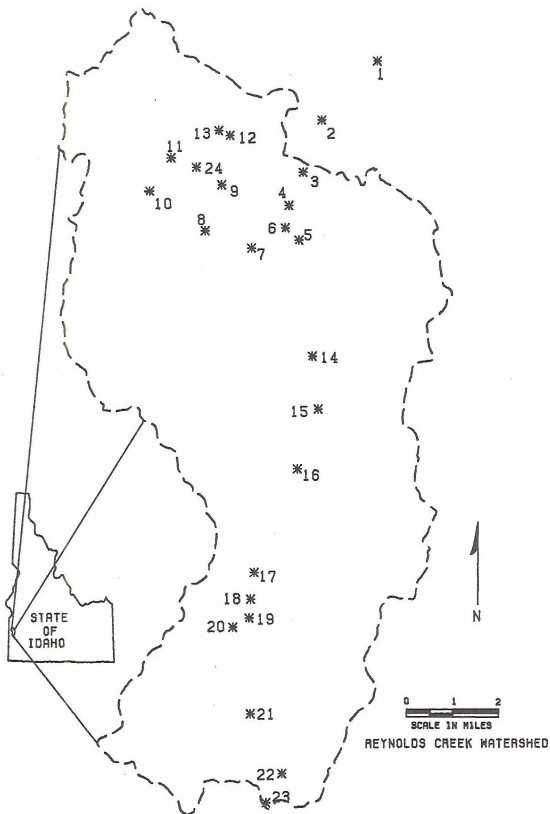


Figure D.2.--Water quality sites.





Table D.1.--Water quality statistics at Boise Front, Idaho Site 54 (322W54).

	HIGH	LOW	MEAN	VARIANCE	STD. DEV.	CASES
COD	25.19	0.00	6.17	0.21273E+02	4.61	59
SIO2	37.00	9.55	24.16	0.10337E+03	10.17	5
ORTHO P	0.23	0.01	0.06	0.19322E-02	0.04	52
TOTAL P	0.22	0.03	0.09	0.26563E-02	0.05	53
AMMONIA	0.23	0.05	0.11	0.10233E-01	0.10	3
NITRITE	----NO OBSERVATIONS ON THIS VARIABLE----					
NITRATE	9.84	0.02	1.53	0.87440E+01	2.96	10
ORGANIC	0.33	0.08	0.21	0.15833E-01	0.13	3
BORON	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(2)	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(5)	4.80	0.00	1.28	0.10803E+01	1.04	48
DO2	12.00	5.00	8.47	0.17785E+01	1.33	119
SOLIDS	120.40	0.00	11.15	0.30630E+03	17.50	57
CO3	0.00	0.00	0.00	0.00000E+00	0.00	54
HCO3	183.00	37.00	76.64	0.13034E+04	36.10	57
CL	25.00	2.25	9.01	0.34865E+02	5.90	48
SO4	39.00	4.50	16.37	0.59210E+02	7.69	49
CA	28.50	5.50	15.32	0.29870E+02	5.47	63
Mg	5.85	1.32	2.78	0.90004E+00	0.95	50
NA	12.80	2.90	8.67	0.52905E+01	2.30	59
K	2.34	0.50	0.83	0.87511E-01	0.30	61
COLI(T)	99999.90	0.00	8236.74	0.35339E+09	18786.65	116
COLI(F)	20600.00	0.00	452.02	0.39825E+07	1995.63	121
FECAL S	9300.00	0.00	610.43	0.18303E+07	1352.89	122
PH(LAB)	9.00	5.45	7.68	0.18394E+00	0.43	117
PH(FLD)	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
E.COND.	1775.00	49.00	150.29	0.27554E+05	166.00	111
TURB.	----NO OBSERVATIONS ON THIS VARIABLE----					
FLOW	1.86	0.01	0.39	0.28543E+00	0.53	31
TEMP.	28.00	0.00	9.22	0.51193E+02	7.15	124
TRICHOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
EPHEMER	----NO OBSERVATIONS ON THIS VARIABLE----					
PLECOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
COLEOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
DIPTERA	----NO OBSERVATIONS ON THIS VARIABLE----					
OTHER	----NO OBSERVATIONS ON THIS VARIABLE----					
TOTAL	----NO OBSERVATIONS ON THIS VARIABLE----					
TDS	1824.88	54.43	146.25	0.28164E+05	167.82	111
SAR	0.94	0.17	0.56	0.15166E-01	0.12	46

Table D.2.--Water quality statistics at Boise Front, Idaho Site 57 (328W57).

	HIGH	LOW	MEAN	VARIANCE	STD. DEV.	CASES
COD	27.78	0.00	6.78	0.27168E+02	5.21	39
SIO2	40.00	10.75	21.70	0.14417E+03	12.01	5
ORTHO P	0.90	0.02	0.08	0.22800E-01	0.15	33
TOTAL P	0.27	0.03	0.08	0.31089E-02	0.06	31
AMMONIA	0.37	0.00	0.13	0.22707E-01	0.15	6
NITRITE	----NO OBSERVATIONS ON THIS VARIABLE----					
NITRATE	1.16	0.03	0.53	0.12264E+00	0.35	10
ORGANIC	0.68	0.10	0.29	0.56170E-01	0.24	5
BORON	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
BOD(2)	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(5)	5.50	0.00	1.27	0.12527E+01	1.12	33
DO2	12.00	5.00	8.66	0.16721E+01	1.29	86
SOLIDS	167.60	0.00	19.95	0.10472E+04	32.36	48
CO3	0.00	0.00	0.00	0.00000E+00	0.00	38
HCO3	159.00	42.00	80.70	0.11849E+04	34.42	38
CL	87.00	2.00	11.82	0.26191E+03	16.18	28
SO4	32.50	4.50	16.94	0.59363E+02	7.70	31
CA	20.80	7.63	14.09	0.13043E+02	3.61	46
Mg	3.90	1.66	2.70	0.36840E+00	0.61	32
NA	15.49	3.00	8.64	0.39306E+01	1.98	44
K	1.99	0.73	0.98	0.60204E-01	0.25	44
COLI(T)	99999.90	0.00	6700.31	0.28123E+09	16769.84	88
COLI(F)	3350.00	0.00	125.42	0.17107E+06	413.61	89
FECAL S	3700.00	0.00	378.61	0.43813E+06	861.91	90
PH(LAB)	8.35	6.67	7.69	0.10392E+00	0.32	86
PH(FLD)	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
E.COND.	1750.00	62.00	177.50	0.70639E+05	265.78	79
TURB.	----NO OBSERVATIONS ON THIS VARIABLE----					
FLOW	2.06	0.04	0.84	0.53016E+00	0.73	14
TEMP.	24.50	0.00	10.39	0.45262E+02	6.73	92
TRICHOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
EPHEMER	----NO OBSERVATIONS ON THIS VARIABLE----					
PLECOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
COLEOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
DIPTERA	----NO OBSERVATIONS ON THIS VARIABLE----					
OTHER	----NO OBSERVATIONS ON THIS VARIABLE----					
TOTAL	----NO OBSERVATIONS ON THIS VARIABLE----					
TDS	1678.43	62.46	167.24	0.56963E+05	238.67	79
SAR	0.92	0.18	0.56	0.15791E-01	0.13	30

Table D.3.--Water quality statistics at Boise Front, Idaho Site 12 (336W12).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	26.11	0.00	7.92	0.43268E+02	6.58	20
SiO2	45.00	16.00	29.33	0.21433E+03	14.64	3
ORTHO P	0.24	0.04	0.09	0.24607E-02	0.05	24
TOTAL P	0.23	0.03	0.10	0.29576E-02	0.05	22
AMMONIA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRITE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRATE	0.41	0.03	0.22	0.72200E-01	0.27	2
ORGANIC	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BORON	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	1.50	0.00	0.40	0.42500E+00	0.65	5
CO2	5.50	5.50	8.48	0.12545E+01	1.12	52
SOLIDS	161.50	3.00	35.59	0.22142E+04	47.06	15
CO3	0.00	0.00	0.00	0.00000E+00	0.00	25
HC03	190.00	59.00	103.30	0.18657E+04	43.19	25
CL	60.50	2.13	10.05	0.16363E+03	12.79	20
SO4	15.90	4.00	9.72	0.89227E+01	2.99	18
CA	27.40	10.80	15.84	0.11489E+02	3.39	27
MG	8.90	1.60	3.84	0.30493E+01	1.75	13
NA	11.30	7.40	9.12	0.83714E+00	0.91	25
K	2.18	0.60	0.93	0.11896E+00	0.34	24
COLI(T)	99999.90	0.00	9006.62	0.45985E+09	22357.32	55
COLI(F)	13300.00	0.00	559.50	0.48457E+07	2201.29	54
FECAL S	2000.00	4.00	269.59	0.20090E+06	448.22	56
PH(LAB)	8.50	6.92	7.76	0.77531E-01	0.28	54
PH(FLD)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.COND.	334.60	85.00	132.01	0.20702E+04	45.50	45
TURB.	-----NO OBSERVATIONS ON THIS VARIABLE-----					
FLOW	0.55	0.03	0.30	0.26673E-01	0.16	13
TEMP.	21.00	0.50	9.43	0.30258E+02	5.50	56
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPEHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	278.36	89.73	128.76	0.16201E+04	40.25	45
SAR	0.69	0.46	0.56	0.60710E-02	0.08	13

Table D.4.--Water quality statistics at Boise Front, Idaho Site 96 (419W96).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	92.70	0.00	11.25	0.15508E+03	12.45	76
SiO2	42.00	9.55	23.46	0.16829E+03	12.97	6
ORTHO P	0.25	0.05	0.11	0.18697E-02	0.04	72
TOTAL P	0.30	0.06	0.13	0.23332E-02	0.05	69
AMMONIA	0.37	0.00	0.15	0.12672E-01	0.11	10
NITRITE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRATE	9.16	0.24	3.91	0.70710E+01	2.66	18
ORGANIC	1.60	0.30	0.59	0.16889E+00	0.41	11
BORON	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	9.20	0.00	2.44	0.45400E+01	2.13	81
DO2	11.00	5.50	8.32	0.14815E+01	1.22	160
SOLIDS	621.80	2.00	43.63	0.79121E+04	88.95	93
CO3	50.00	0.00	0.57	0.28736E+02	5.36	87
HC03	190.00	8.50	87.23	0.15530E+04	39.41	88
CL	54.00	1.00	9.02	0.81179E+02	9.01	68
SO4	22.40	1.20	10.15	0.98964E+01	3.15	70
CA	22.37	5.40	13.53	0.17934E+02	4.23	95
MG	7.05	1.86	3.63	0.15868E+01	1.26	73
NA	15.70	2.80	8.30	0.44488E+01	2.11	93
K	6.20	1.02	1.65	0.54205E+00	0.74	93
COLI(T)	99999.90	0.00	9965.16	0.38720E+09	19677.46	161
COLI(F)	23200.00	0.00	581.68	0.40885E+07	2014.67	162
FECAL S	99999.99	0.00	2604.01	0.78337E+08	8850.83	164
PH(LAB)	9.20	5.55	7.58	0.14154E+00	0.38	161
PH(FLD)	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
E.COND.	1900.00	70.00	154.98	0.36415E+05	190.83	155
TURB.	-----NO OBSERVATIONS ON THIS VARIABLE-----					
FLOW	2.00	0.04	0.45	0.26040E+00	0.51	39
TEMP.	21.00	0.00	8.72	0.32852E+02	5.73	168
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPEHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1696.36	75.07	152.77	0.32241E+05	179.56	155
SAR	0.86	0.19	0.55	0.21120E-01	0.15	71

Table D.5.--Water quality statistics at Reynolds, Idaho Site 1 (000100).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	190.00	6.00	25.50	0.92014E+03	30.33	36
SIO2	49.90	10.50	36.70	0.92501E+02	9.62	37
ORTHO P	0.26	0.01	0.10	0.37548E-02	0.06	37
TOTAL P	6.90	0.06	0.45	0.14169E+01	1.19	37
AMMONIA	0.05	0.00	0.00	0.84938E-04	0.01	34
NITRITE	0.05	0.00	0.01	0.15841E-03	0.01	37
NITRATE	3.35	1.06	1.15	0.77346E+00	0.88	37
2. ORGANIC	2.36	0.05	0.48	0.13594E+00	0.37	34
BORON	0.29	0.00	0.15	0.80578E-02	0.09	37
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DO2	12.00	1.00	7.80	0.60434E+01	2.46	27
SOLIDS	2464.00	0.00	146.60	0.20856E+06	456.78	35
CO3	6.00	0.00	0.19	0.98676E+00	0.99	37
HC03	452.10	88.47	283.59	0.13643E+05	116.80	37
CL	44.31	3.19	25.53	0.14519E+03	12.05	37
S04	398.66	19.21	191.34	0.12761E+05	112.37	37
CA	143.29	17.23	75.55	0.15748E+04	39.68	37
MG	39.39	5.84	22.29	0.10114E+03	10.06	37
NA	157.70	14.25	80.73	0.15706E+04	39.63	37
K	10.95	1.96	5.99	0.70464E+01	2.65	37
COLI(T)	13400.00	30.00	2030.19	0.62933E+07	2508.65	54
COLI(F)	4550.00	0.00	434.98	0.70235E+06	838.06	54
FECAL S	21500.00	50.00	2195.57	0.20635E+08	4542.61	23
PH(LAB)	8.50	7.10	7.93	0.70627E-01	0.27	37
PH(FLO)	7.80	7.10	7.45	0.26500E+00	0.49	2
E.CONO.	1436.00	189.00	830.19	0.15623E+08	395.26	37
TURB.	1100.00	1.00	44.89	0.34468E+05	185.65	35
FLOW	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
TEMP.	29.00	0.00	11.48	0.40751E+02	6.38	50
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPEHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
TDS	1515.99	202.14	751.79	0.13641E+06	369.34	33
SAR	3.01	0.76	1.99	0.38485E+00	0.62	37

Table 0.6.--Water quality statistics at Reynolds, Idaho Site 2 (000200).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	167.00	7.00	26.75	0.96556E+03	31.07	36
SIO2	38.20	12.60	28.18	0.35828E+02	5.99	37
ORTHO P	0.27	0.00	0.06	0.41056E-02	0.06	37
TOTAL P	5.34	0.01	0.39	0.11741E+01	1.08	37
AMMONIA	0.08	0.00	0.01	0.34376E-03	0.02	34
NITRITE	0.02	0.00	0.00	0.26877E-04	0.01	37
NITRATE	0.65	0.01	0.16	0.23449E-01	0.15	37
ORGANIC	4.41	0.06	0.55	0.54472E+00	0.74	34
BORON	0.31	0.00	0.13	0.86423E-02	0.09	37
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DO2	12.00	1.00	8.42	0.42536E+01	2.06	24
SOLIDS	7492.00	1.00	359.75	0.17396E+07	1318.57	36
CO3	31.20	0.00	2.93	0.40437E+02	6.36	37
HC03	292.86	70.16	191.05	0.48067E+04	69.33	37
CL	60.26	2.84	26.31	0.33341E+03	18.26	37
S04	292.99	12.49	122.67	0.74676E+04	86.42	37
CA	77.35	13.23	37.37	0.20082E+03	14.17	37
MG	30.15	4.38	16.56	0.68288E+02	8.26	37
NA	147.13	11.76	71.61	0.21428E+04	46.29	37
K	9.78	1.17	4.48	0.41166E+01	2.03	37
COLI(T)	19000.00	0.00	825.35	0.70316E+07	2651.72	51
COLI(F)	12260.00	0.00	299.71	0.29348E+07	1713.13	51
FECAL S	16980.00	0.00	984.64	0.12898E+08	3591.42	22
PH(LAB)	9.12	7.50	8.21	0.14387E+00	0.38	37
PH(FLO)	7.90	7.40	7.65	0.12500E+00	0.35	2
E.CONO.	1066.00	115.00	577.81	0.92486E+05	304.12	37
TURB.	560.00	1.00	27.40	0.77342E+04	87.94	35
FLOW	115.00	0.78	21.13	0.92975E+03	30.49	22
TEMP.	23.00	0.00	10.49	0.50339E+02	7.10	41
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPEHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1025.65	89.67	550.77	0.83804E+05	289.49	33
SAR	4.56	0.66	2.31	0.15353E+01	1.24	37

Table D.7.--Water quality statistics at Reynolds, Idaho Site 13 (024045).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COO	4.04	0.00	2.02	0.81608E+01	2.86	2
SI02	----	----	----	----	----	----
ORTH0 P	----	----	----	----	----	----
TOTAL P	----	----	----	----	----	----
AMMONIA	----	----	----	----	----	----
NITRITE	----	----	----	----	----	----
NITRATE	----	----	----	----	----	----
ORGANIC	----	----	----	----	----	----
BODM	----	----	----	----	----	----
BOD(2)	----	----	----	----	----	----
BOD(5)	----	----	----	----	----	----
DO2	10.00	6.00	7.75	0.93590E+00	0.97	40
SOLIOS	12.40	2.00	4.15	0.16535E+02	4.07	6
CO3	----	----	----	----	----	----
HCO3	----	----	----	----	----	----
CL	----	----	----	----	----	----
SO4	----	----	----	----	----	----
CA	----	----	----	----	----	----
MG	----	----	----	----	----	----
NA	----	----	----	----	----	----
K	----	----	----	----	----	----
COLI(T)	4080.00	5.00	345.02	0.40609E+06	637.25	64
COLI(F)	4520.00	0.00	226.35	0.44743E+06	668.90	63
FECAL S	2900.00	0.00	347.37	0.26946E+06	519.10	63
PH(LAB)	9.20	7.70	8.37	0.11878E+00	0.34	31
PH(FLD)	----	----	----	----	----	----
E.COND.	1925.00	80.00	482.63	0.36931E+06	607.71	30
TURB.	----	----	----	----	----	----
FLOW	6.39	0.01	0.95	0.29110E+01	1.71	29
TEMP.	30.00	1.00	17.37	0.40128E+02	6.33	58
TRICHOPT	----	----	----	----	----	----
EPHEMER	----	----	----	----	----	----
PLECOPT	----	----	----	----	----	----
COLEOPT	----	----	----	----	----	----
DIPTERA	----	----	----	----	----	----
OTHER	----	----	----	----	----	----
TOTAL	----	----	----	----	----	----
TDS	1397.25	88.18	369.87	0.18804E+06	433.64	30
SAR	----	----	----	----	----	----

Table D.8.--Water quality statistics at Reynolds, Idaho Site 12 (024069).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COO	----	----	----	----	----	----
SI02	----	----	----	----	----	----
ORTH0 P	----	----	----	----	----	----
TOTAL P	----	----	----	----	----	----
AMMONIA	----	----	----	----	----	----
NITRITE	----	----	----	----	----	----
NITRATE	----	----	----	----	----	----
ORGANIC	----	----	----	----	----	----
BODM	----	----	----	----	----	----
BOD(2)	----	----	----	----	----	----
BOD(5)	----	----	----	----	----	----
DO2	9.00	6.00	7.57	0.70953E+00	0.84	15
SOLIOS	----	----	----	----	----	----
CO3	----	----	----	----	----	----
HCO3	----	----	----	----	----	----
CL	----	----	----	----	----	----
SO4	----	----	----	----	----	----
CA	----	----	----	----	----	----
MG	----	----	----	----	----	----
NA	----	----	----	----	----	----
K	----	----	----	----	----	----
COLI(T)	2880.00	0.00	623.12	0.54885E+06	740.84	25
COLI(F)	3000.00	0.00	550.72	0.59022E+06	768.26	25
FECAL S	3480.00	1.00	489.42	0.75108E+06	866.65	24
PH(LAB)	9.10	7.93	8.39	0.95177E-01	0.31	11
PH(FLD)	----	----	----	----	----	----
E.COND.	2000.00	145.00	940.42	0.63305E+06	795.65	12
TURB.	----	----	----	----	----	----
FLOW	----	----	----	----	----	----
TEMP.	28.00	1.00	17.42	0.39384E+02	6.28	24
TRICHOPT	----	----	----	----	----	----
EPHEMER	----	----	----	----	----	----
PLECOPT	----	----	----	----	----	----
COLEOPT	----	----	----	----	----	----
DIPTERA	----	----	----	----	----	----
OTHER	----	----	----	----	----	----
TOTAL	----	----	----	----	----	----
TDS	1455.21	118.06	701.21	0.33804E+06	581.41	12
SAR	----	----	----	----	----	----

Table D.9.--Water quality statistics at Reynolds, Idaho Site 11 (033005).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SIO2	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORTHO P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
AMMONIA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRITE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRATE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORGANIC	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BORON	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DO2	9.00	5.00	6.91	0.6948E+00	0.83	17
SOLIDS	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CO3	-----NO OBSERVATIONS ON THIS VARIABLE-----					
HC03	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SO4	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
MG	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
K	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLI(T)	2910.00	4.00	593.67	0.55750E+06	746.66	27
COLI(F)	1880.00	0.00	288.56	0.20418E+06	451.86	27
FECAL S	1060.00	0.00	216.85	0.88301E+05	297.16	26
PH(LAB)	8.33	7.75	8.12	0.52486E-01	0.23	11
PH(FLD)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.COND.	1800.00	95.00	790.82	0.50556E+06	765.22	11
TURB.	-----NO OBSERVATIONS ON THIS VARIABLE-----					
FLOW	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TEMP.	28.00	0.00	16.10	0.36120E+02	6.01	26
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1440.72	95.74	624.99	0.36048E+06	600.40	11
SAR	-----NO OBSERVATIONS ON THIS VARIABLE-----					

Table D.10.--Water quality statistics at Reynolds, Idaho Site 24 (034056).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SIO2	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORTHO P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
AMMONIA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRITE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRATE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORGANIC	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BORON	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DO2	10.50	4.00	7.45	0.21312E+01	1.46	29
SOLIDS	3.00	2.00	2.50	0.50000E+00	0.71	2
CO3	-----NO OBSERVATIONS ON THIS VARIABLE-----					
HC03	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SO4	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
MG	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
K	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLI(T)	3500.00	0.00	333.11	0.45196E+06	672.28	38
COLI(F)	802.00	0.00	118.24	0.35871E+05	189.40	38
FECAL S	1560.00	0.00	297.43	0.23073E+06	480.34	37
PH(LAB)	8.70	7.70	8.28	0.58000E-01	0.24	19
PH(FLD)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.COND.	1850.00	99.00	639.16	0.48026E+06	693.00	19
TURB.	-----NO OBSERVATIONS ON THIS VARIABLE-----					
FLOW	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
TEMP.	27.00	2.00	18.58	0.29924E+02	5.47	37
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1314.93	93.84	487.59	0.26600E+06	515.75	19
SAR	-----NO OBSERVATIONS ON THIS VARIABLE-----					

Table D.11.--Water quality statistics at Reynolds, Idaho Site 9 (034087).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COD	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SI02	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORTHO P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
AMMONIA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRITE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRATE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORGANIC	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BORON	-----NO OBSERVATIONS ON THIS VARIABLE-----					
800(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
800(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
002	10.00	5.00	7.36	0.13949E+01	1.18	33
SOLIDS	5.20	0.00	2.87	0.31467E+01	1.77	6
C03	-----NO OBSERVATIONS ON THIS VARIABLE-----					
HC03	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SO4	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
MG	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
K	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLI(T)	2840.00	0.00	344.47	0.33711E+06	580.61	45
COLI(F)	972.00	0.00	107.00	0.37666E+05	194.06	44
FECAL S	2160.00	0.00	285.73	0.23537E+06	485.14	44
PH(LAB)	9.18	7.60	8.53	0.13183E+00	0.36	24
PH(FLO)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.COND.	2200.00	90.00	604.57	0.50044E+06	710.25	23
TURB.	-----NO OBSERVATIONS ON THIS VARIABLE-----					
FLOW	0.25	0.01	0.06	0.51590E-02	0.07	13
TEMP.	32.00	0.00	19.35	0.43494E+02	6.60	43
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOS	1407.60	82.59	433.60	0.22993E+06	479.51	23
SAR	-----NO OBSERVATIONS ON THIS VARIABLE-----					

Table D.12.--Water quality statistics at Reynolds, Idaho Site 3 (036068).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COD	151.00	4.00	19.24	0.38927E+03	19.73	113
SI02	52.20	4.20	32.60	0.45293E+02	6.73	70
ORTHO P	0.22	0.00	0.07	0.15853E-02	0.04	70
TOTAL P	4.62	0.02	0.27	0.48172E+00	0.69	69
AMMONIA	0.07	0.00	0.01	0.13951E-03	0.01	69
NITRITE	0.03	0.00	0.00	0.42571E-04	0.01	70
NITRATE	1.82	0.01	0.28	0.13235E+00	0.36	70
ORGANIC	6.19	0.12	0.60	0.80847E+00	0.90	67
BORON	0.41	0.00	0.16	0.11011E-01	0.10	68
800(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
800(5)	4.00	0.00	1.46	0.10603E+01	1.03	67
002	16.00	0.00	8.90	0.44569E+01	2.11	124
SOLIDS	8690.00	0.00	139.78	0.78542E+06	886.24	108
C03	27.30	0.00	2.13	0.28853E+02	5.37	70
HC03	402.07	60.40	229.80	0.10804E+05	103.94	70
CL	85.08	2.13	28.34	0.46305E+03	21.52	70
SO4	360.23	10.09	130.54	0.91896E+04	95.86	70
CA	87.78	11.62	46.30	0.45986E+03	21.44	70
MG	40.12	3.04	18.15	0.10154E+03	10.08	70
NA	184.14	8.74	78.55	0.28833E+04	53.70	70
K	44.58	1.56	5.20	0.42680E+02	6.53	70
COLI(T)	6500.00	0.00	435.28	0.79570E+06	892.02	169
COLI(F)	864.00	0.00	94.50	0.20135E+05	141.90	169
FECAL S	1360.00	0.00	224.76	0.90918E+05	301.52	116
PH(LAB)	9.80	8.10	8.21	0.26977E+00	0.52	116
PH(FLO)	9.10	8.35	8.13	0.64080E+00	0.80	22
E.COND.	4075.00	110.00	785.38	0.38947E+06	624.07	121
TURB.	700.00	0.00	28.61	0.95123E+04	97.53	68
FLOW	223.75	0.03	19.77	0.12011E+04	34.66	119
TEMP.	29.50	11.00	11.67	0.63737E+02	7.98	150
TRICHOPT	1032.00	8.00	210.00	0.11110E+06	333.31	9
EPHEMER	338.00	19.00	121.33	0.11865E+05	108.93	9
PLECOPT	29.00	0.00	7.11	0.10461E+03	10.23	9
COLEOPT	165.00	10.00	47.56	0.31823E+04	56.41	9
DIPTERA	135.00	21.00	82.11	0.19308E+04	43.94	9
OTHER	50.00	1.00	11.67	0.23075E+03	15.19	9
TOTAL	1316.00	0.00	392.36	0.17918E+06	423.30	11
TOS	3743.25	107.78	708.25	0.24366E+06	493.62	118
SAR	4.62	0.55	2.28	0.14002E+01	1.18	70

Table D.13.--Water quality statistics at Reynolds, Idaho Site 4 (036088).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COO	166.00	0.00	57.67	0.88143E+04	93.88	3
SI02	42.40	27.10	34.75	0.11705E+03	10.82	2
ORTHO P	0.27	0.10	0.19	0.14450E-01	0.12	2
TOTAL P	4.83	0.12	2.47	0.11092E+02	3.33	2
AMMONIA	0.00	0.00	0.00	0.00000E+00	0.00	2
NITRITE	0.00	0.00	0.00	0.00000E+00	0.00	2
NITRATE	0.23	0.01	0.12	0.24200E-01	0.16	2
ORGANIC	5.60	0.20	2.90	0.14580E+02	3.82	2
BODM	0.04	0.03	0.04	0.50000E-04	0.01	2
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
DO2	11.00	5.00	8.21	0.19307E+01	1.39	62
SOLIDS	122.80	10.00	47.84	0.18001E+04	42.43	7
CO3	0.00	0.00	0.00	0.00000E+00	0.00	2
HCO3	179.38	58.57	118.97	0.72975E+04	85.43	2
CL	6.38	0.71	3.55	0.16074E+02	4.01	2
SO4	13.93	1.44	7.68	0.78000E+02	8.83	2
CA	31.06	9.22	20.14	0.23849E+03	15.44	2
MG	12.16	3.66	7.91	0.36210E+02	6.02	2
NA	18.85	5.29	12.07	0.19193E+02	9.59	2
K	2.74	2.35	2.55	0.76049E-01	0.28	2
COLI(T)	8050.00	0.00	457.37	0.90416E+06	950.87	128
COLI(F)	4160.00	0.00	104.73	0.17006E+06	412.38	128
FECAL S	2220.00	0.00	138.08	0.91974E+05	303.27	93
PH(LAB)	9.62	6.25	8.24	0.55882E+00	0.75	38
PH(FLD)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.COND.	3100.00	95.00	502.66	0.49673E+06	704.79	44
TURB.	560.00	2.00	281.00	0.15968E+06	394.57	2
FLOW	26.56	0.06	3.27	0.26826E+02	5.18	44
TEMP.	29.50	0.00	12.80	0.67015E+02	8.19	88
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1555.26	91.11	374.70	0.16512E+06	406.34	41
SAR	0.73	0.37	0.55	0.61600E-01	0.25	2

Table 0.14.--Water quality statistics at Reynolds, Idaho Site 10 (043005).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COO	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SI02	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORTHO P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
AMMONIA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRITE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRATE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORGANIC	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BODM	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DO2	8.50	7.00	7.44	0.30883E+00	0.56	17
SOLIDS	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CO3	-----NO OBSERVATIONS ON THIS VARIABLE-----					
HCO3	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SO4	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
MG	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
K	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLI(T)	5600.00	0.00	794.19	0.14519E+07	1204.95	31
COLI(F)	3600.00	0.00	420.52	0.65024E+06	806.38	31
FECAL S	2360.00	2.00	270.63	0.33277E+06	576.87	30
PH(LAB)	8.50	8.10	8.29	0.19829E-01	0.14	11
PH(FLD)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.COND.	2100.00	68.00	799.36	0.65987E+06	812.32	11
TURB.	-----NO OBSERVATIONS ON THIS VARIABLE-----					
FLOW	0.10	0.05	0.07	0.43000E-03	0.02	5
TEMP.	31.00	0.00	16.43	0.40875E+02	6.39	30
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1477.98	69.91	609.11	0.34674E+06	588.85	11
SAR	-----NO OBSERVATIONS ON THIS VARIABLE-----					



Table D.15.--Water quality statistics at Reynolds, Idaho Site B (044085).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SiO2	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORTHO P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
AMMONIA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRITE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRATE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORGANIC	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BORON	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DO2	10.00	5.00	7.50	0.12389E+01	1.11	29
SOLIDS	3.00	2.00	2.25	0.05000E+00	0.50	4
CO3	-----NO OBSERVATIONS ON THIS VARIABLE-----					
HCO3	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SO4	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
MG	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
K	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLI(T)	2360.00	0.00	341.44	0.31389E+06	560.26	54
COLI(F)	2300.00	0.00	243.11	0.23290E+06	482.59	53
FECAL S	3440.00	2.00	353.57	0.50341E+06	709.51	53
PH(LAB)	8.10	8.00	8.09	0.81062E-01	0.28	21
PH(FLD)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.COND.	2150.00	120.00	696.50	0.49814E+06	705.79	20
TURB.	-----NO OBSERVATIONS ON THIS VARIABLE-----					
FLOW	2.87	0.00	0.49	0.65000E+00	0.81	20
TEMP.	32.50	0.00	16.50	0.51317E+02	7.16	53
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1349.86	110.95	497.91	0.22183E+06	470.99	20
SAR	-----NO OBSERVATIONS ON THIS VARIABLE-----					

Table D.16.--Water quality statistics at Reynolds, Idaho Site B (046084).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	84.00	0.00	40.75	0.12996E+04	36.05	4
SiO2	41.90	25.00	31.13	0.87503E+02	9.35	3
ORTHO P	0.24	0.06	0.16	0.86333E-02	0.09	3
TOTAL P	4.65	0.07	2.36	0.10488E+02	3.24	2
AMMONIA	0.00	0.00	0.00	0.00000E+00	0.00	3
NITRITE	0.00	0.00	0.00	0.00000E+00	0.00	3
NITRATE	0.30	0.02	0.18	0.20800E-01	0.14	3
ORGANIC	2.43	0.18	1.25	0.12758E+01	1.13	3
BORON	0.11	0.03	0.06	0.21333E-02	0.05	3
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
DO2	11.00	5.00	7.83	0.17828E+01	1.34	72
SOLIDS	226.00	1.50	43.23	0.36234E+04	50.19	12
CO3	0.00	0.00	0.00	0.00000E+00	0.00	3
HCO3	288.59	56.74	134.04	0.17732E+05	133.16	3
CL	81.18	1.77	28.36	0.20925E+04	45.74	3
SO4	499.52	9.13	172.75	0.80082E+05	282.99	3
CA	149.90	10.82	57.31	0.64293E+04	80.18	3
MG	51.30	3.53	19.49	0.75875E+03	27.55	3
NA	116.78	7.59	44.45	0.39246E+04	62.65	3
K	5.08	1.96	3.00	0.32448E+01	1.80	3
COLI(T)	7200.00	0.00	354.65	0.71834E+06	847.55	118
COLI(F)	2264.00	0.00	116.18	0.75702E+05	275.14	117
FECAL S	5640.00	0.00	382.37	0.68372E+06	826.88	84
PH(LAB)	9.10	6.10	8.16	0.29622E+00	0.54	49
PH(FLD)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.COND.	4000.00	119.00	853.49	0.57466E+06	758.07	53
TURB.	470.00	1.00	237.00	0.54997E+05	234.51	3
FLOW	45.67	0.01	2.73	0.50652E+02	7.12	52
TEMP.	26.50	0.00	12.18	0.49666E+02	7.05	85
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	2760.00	136.30	713.89	0.29088E+06	539.33	52
SAR	2.10	0.51	1.07	0.79770E+00	0.89	3



Table 0.17.--Water quality statistics at Reynolds, Idaho Site 7 (055036).

	HIGH	LOW	MEAN	VARIANCE	STO.OEV.	CASES
COO	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SIO2	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORTHO P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
AMMONIA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRITE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRATE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORGANIC	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BORON	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOO(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOO(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OO2	8.00	6.00	7.47	0.35846E+00	0.60	17
SOLIOS	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CO3	-----NO OBSERVATIONS ON THIS VARIABLE-----					
MC03	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SO4	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
MG	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
K	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLI(T)	1750.00	0.00	163.66	0.92042E+05	303.38	35
COLI(F)	540.00	0.00	60.29	0.15393E+05	124.07	35
FECAL S	10640.00	0.00	562.15	0.35284E+07	1878.41	34
PH(LAB)	9.10	7.30	8.33	0.21750E+00	0.47	10
PH(FLO)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.CONO.	2950.00	125.00	981.67	0.10983E+07	1047.99	9
TURB.	-----NO OBSERVATIONS ON THIS VARIABLE-----					
FLOW	5.75	0.25	1.72	0.36297E-01	1.91	11
TEMP.	28.00	2.00	16.02	0.42151E+02	6.49	29
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOS	1954.08	115.57	760.91	0.60382E+06	777.06	9
SAR	-----NO OBSERVATIONS ON THIS VARIABLE-----					

Table D.18.--Water quality statistics at Reynolds, Idaho Site 5 (056047).

	HIGH	LOW	MEAN	VARIANCE	STO.OEV.	CASES
COO	128.00	2.00	19.66	0.44714E+03	21.15	106
SIO2	43.30	12.80	31.87	0.37636E+02	6.13	57
ORTHO P	0.28	0.00	0.07	0.15724E-02	0.04	57
TOTAL P	3.13	0.03	0.33	0.42385E+00	0.65	56
AMMONIA	0.12	0.00	0.01	0.43690E-03	0.02	56
NITRITE	0.02	0.00	0.00	0.14773E-04	0.00	56
NITRATE	0.22	0.01	0.17	0.26057E-01	0.16	57
ORGANIC	4.32	0.16	0.72	0.11069E+01	1.05	53
BORON	0.46	0.01	0.15	0.11829E-01	0.11	55
BOO(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOO(5)	5.00	0.00	1.57	0.76709E+00	0.88	58
OO2	14.00	4.00	8.54	0.26591E+01	1.63	120
SOLIOS	11044.00	0.00	162.74	0.13208E+07	1149.26	93
CO3	10.20	0.00	0.18	0.18579E+01	1.36	56
MC03	427.70	55.52	234.92	0.12773E+05	131.43	56
CL	46.44	1.77	18.85	0.19833E+03	14.08	56
SO4	271.37	8.65	107.37	0.67359E+04	82.07	56
CA	90.38	10.42	45.03	0.62013E+03	24.90	56
MG	53.25	3.16	14.59	0.86186E+02	9.28	56
NA	162.07	8.05	69.71	0.27057E+04	52.03	56
K	13.30	1.17	4.81	0.74940E+01	2.74	56
COLI(T)	6960.00	0.00	487.30	0.77839E+06	882.26	169
COLI(F)	1500.00	0.00	149.91	0.68394E+05	261.52	167
FECAL S	11200.00	0.00	382.64	0.13474E+07	1160.77	114
PH(LAB)	9.20	5.85	8.14	0.21410E+00	0.46	110
PH(FLO)	9.50	7.74	8.33	0.25984E+00	0.51	11
E.CONO.	3300.00	100.00	720.64	0.34605E+06	588.26	114
TURB.	360.00	1.00	38.00	0.70854E+04	84.17	54
FLOW	163.99	0.01	16.88	0.93121E+03	30.52	112
TEMP.	67.50	0.00	11.28	0.50586E+02	7.11	149
TRICHOPT	666.00	7.00	154.60	0.55759E+05	236.13	10
EPHEMER	254.00	37.00	102.30	0.60573E+04	77.83	10
PLECOPT	94.00	1.00	23.40	0.14154E+04	37.62	10
COLEOPT	380.00	3.00	60.10	0.13083E+05	114.38	10
DIPTERA	324.00	19.00	129.10	0.10649E+05	103.19	10
OTHER	30.00	2.00	12.40	0.76489E+02	8.75	10
TOTAL	1437.00	122.00	487.50	0.16180E+06	402.25	10
TOS	3825.36	100.74	664.92	0.25584E+06	505.60	108
SAR	4.07	0.56	2.09	0.13249E+01	1.15	56

Table D.19.--Water quality statistics at Reynolds, Idaho Site 14 (077071).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COD	37.82	0.44	9.07	0.35741E+02	5.98	39
SI02	40.20	23.00	30.87	0.31120E+02	5.58	9
ORTHO P	0.08	0.03	0.06	0.25278E-03	0.02	9
TOTAL P	0.15	0.05	0.10	0.10500E-02	0.03	9
AMMONIA	0.01	0.00	0.00	0.27778E-04	0.01	9
NITRITE	0.00	0.00	0.00	0.00000E+00	0.00	9
NITRATE	0.40	0.03	0.17	0.19144E-01	0.14	9
ORGANIC	0.61	0.12	0.34	0.27053E-01	0.16	9
BORON	16.00	0.00	2.33	0.36345E+02	6.03	7
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	5.00	0.00	1.43	0.95258E+00	0.98	37
DO2	13.00	5.00	8.06	0.23677E+01	1.54	73
SOLIDS	46.50	18.00	18.38	0.24686E+03	15.76	12
CO3	0.00	0.00	0.00	0.00000E+00	0.00	9
HCO3	270.90	78.70	161.97	0.56784E+04	75.35	9
CL	13.10	1.80	6.22	0.21941E+02	4.68	9
SO4	96.10	10.60	41.52	0.13756E+04	37.09	9
CA	52.30	14.83	31.34	0.23393E+03	15.29	9
MG	18.70	5.10	11.35	0.30509E+02	5.52	9
NA	53.10	7.82	25.29	0.33325E+03	18.26	9
K	4.70	1.17	2.70	0.19130E+01	1.38	9
COLI(T)	3600.00	0.00	404.50	0.28347E+06	532.42	128
COLI(F)	2020.00	0.00	134.21	0.47516E+05	217.98	128
FECAL S	5040.00	0.00	336.34	0.48602E+06	697.15	93
PH(LAB)	9.30	5.90	8.06	0.26916E+00	0.52	44
PH(FLD)	8.30	7.64	7.97	0.58092E-01	0.24	8
E.COND.	2400.00	75.00	411.53	0.24686E+06	498.68	51
TURB.	34.00	2.00	9.67	0.12975E+03	11.39	9
FLOW	85.27	0.53	13.52	0.46800E+03	20.14	50
TEMP.	24.50	0.00	11.13	0.46800E+02	6.84	96
TRICHOPT	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
EPHEMER	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
PLECOPT	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
COLEOPT	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
DIPTERA	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
OTHER	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
TOTAL	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
TDS	1970.64	77.11	368.05	0.15331E+06	391.55	51
SAR	1.60	0.44	0.91	0.21746E+00	0.47	9

Table D.20.--Water quality statistics at Reynolds, Idaho Site 15 (087072).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COD	33.12	0.00	7.12	0.24246E+02	4.92	61
SI02	45.20	22.20	33.44	0.51029E+02	7.14	13
ORTHO P	0.08	0.03	0.05	0.31026E-03	0.02	13
TOTAL P	0.17	0.04	0.10	0.15103E-02	0.04	13
AMMONIA	0.06	0.00	0.01	0.26667E-03	0.02	13
NITRITE	0.01	0.00	0.00	0.76923E-05	0.00	13
NITRATE	0.40	0.04	0.21	0.16092E-01	0.13	13
ORGANIC	0.52	0.12	0.29	0.13327E-01	0.12	13
BORON	0.15	0.00	0.06	0.30655E-02	0.06	11
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	5.00	0.00	1.13	0.92410E+00	0.96	56
DO2	13.00	3.00	8.12	0.20722E+01	1.44	94
SOLIDS	66.00	0.00	23.67	0.50298E+03	22.43	16
CO3	0.00	0.00	0.00	0.00000E+00	0.00	13
HCO3	201.95	68.94	145.25	0.29337E+04	54.16	13
CL	11.34	0.70	5.08	0.14208E+02	3.77	13
SO4	36.98	6.20	18.05	0.11558E+03	10.75	13
CA	39.68	12.82	26.57	0.10535E+03	10.26	13
MG	14.47	4.10	9.54	0.13117E+02	3.62	13
NA	26.67	6.44	16.47	0.67890E+02	8.24	13
K	4.30	1.56	2.89	0.13041E+01	1.14	13
COLI(T)	6750.00	0.00	677.00	0.14060E+07	1185.76	161
COLI(F)	2728.00	0.00	194.63	0.15466E+06	393.27	160
FECAL S	2280.00	0.00	315.83	0.24087E+06	490.79	116
PH(LAB)	9.22	6.00	8.05	0.19654E+00	0.44	66
PH(FLD)	8.20	7.38	7.78	0.77197E-01	0.28	11
E.COND.	2020.00	70.00	345.33	0.15513E+06	393.86	72
TURB.	34.00	0.00	7.46	0.11044E+03	10.51	13
FLOW	84.85	0.01	9.54	0.31676E+03	17.80	71
TEMP.	22.00	0.00	10.50	0.29965E+02	5.47	119
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1588.93	66.17	315.78	0.10439E+06	323.09	71
SAR	0.94	0.39	0.67	0.50649E-01	0.23	13

Table D.21.--Water quality statistics at Reynolds, Idaho Site 16 (116018).

	HIGH	LOW	MEAN	VARIANCE	STO.OEV.	CASES
COO	5.70	0.00	2.85	0.16245E+02	4.03	2
SI02	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORTHO P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
AMMONIA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRITE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRATE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORGANIC	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(1)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
DO2	11.00	5.00	8.20	0.15478E+01	1.24	77
SOLIOS	3.00	2.00	2.25	0.25000E+00	0.50	4
CO3	-----NO OBSERVATIONS ON THIS VARIABLE-----					
HCO3	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
SO4	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
MG	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
K	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLI(T)	4120.00	0.00	251.60	0.21636E+06	465.15	141
COLI(F)	560.00	0.00	37.75	0.64574E+04	80.36	140
FECAL S	740.00	0.00	67.51	0.15638E+05	125.05	140
PH(LAB)	8.91	6.00	8.06	0.22013E+00	0.47	48
PH(FLO)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.CONO.	1800.00	58.00	259.28	0.13089E+06	361.79	54
TURB.	-----NO OBSERVATIONS ON THIS VARIABLE-----					
FLOW	84.00	0.00	11.79	0.39813E+03	19.95	50
TEMP.	26.50	0.00	11.00	0.46144E+02	6.79	99
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPIHEM	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OIPTEA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOS	1378.62	55.63	228.88	0.76062E+05	275.79	52
SAR	-----NO OBSERVATIONS ON THIS VARIABLE-----					

Table D.22.--Water quality statistics at Reynolds, Idaho Site 17 (116083).

	HIGH	LOW	MEAN	VARIANCE	STO.OEV.	CASES
COO	154.00	0.00	10.88	0.55843E+03	23.63	71
SI02	54.00	2.50	27.37	0.40098E+02	6.33	68
ORTHO P	0.09	0.00	0.04	0.27311E-03	0.02	68
TOTAL P	3.75	0.03	0.18	0.31947E+00	0.57	67
AMMONIA	0.06	0.00	0.00	0.74760E-04	0.01	65
NITRITE	0.01	0.00	0.00	0.69140E-05	0.00	68
NITRATE	0.47	0.00	0.09	0.13222E-01	0.11	68
ORGANIC	4.58	0.07	0.40	0.61466E+00	0.78	62
BOD(1)	0.12	0.00	0.03	0.82091E-03	0.03	66
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DO2	4.00	0.00	1.05	0.14736E-01	1.21	21
SOLIOS	13.00	6.00	8.39	0.18220E+01	1.35	116
CO3	4038.00	0.00	63.24	0.18071E+06	425.10	90
HCO3	0.00	0.00	0.00	0.00000E+00	0.00	68
CL	169.62	32.95	86.47	0.85623E+03	29.26	68
SO4	10.60	0.00	1.14	0.20932E-01	1.45	68
CA	8.65	0.48	3.07	0.37363E+01	1.93	68
MG	30.06	6.41	15.17	0.23508E+02	4.85	68
NA	11.67	1.70	5.75	0.49005E+01	2.21	68
K	10.57	0.99	6.50	0.30694E+01	1.75	68
COLI(T)	2.74	0.39	1.36	0.19452E+00	0.44	68
COLI(F)	3400.00	0.00	343.42	0.33762E+06	581.05	162
FECAL S	3260.00	0.00	94.55	0.82858E+05	287.85	161
PH(LAB)	8.60	6.10	94.95	0.49504E+05	222.50	109
PH(FLO)	8.70	6.65	7.75	0.31235E+00	0.56	20
E.CONO.	1775.00	54.00	180.68	0.52314E+05	228.72	115
TURB.	280.00	1.00	18.38	0.23140E+04	48.10	64
FLOW	165.30	0.01	16.99	0.88518E+03	29.75	111
TEMP.	24.00	9.00	9.70	0.40753E+02	6.38	143
TRICHOPT	148.00	0.00	36.36	0.15269E+04	39.07	11
EPIHEM	109.00	18.00	61.60	0.99071E+03	31.48	10
PLECOPT	93.00	0.00	20.40	0.85582E+03	29.25	10
COLEOPT	221.00	2.00	41.20	0.41695E+04	64.57	10
OIPTEA	254.00	3.00	78.80	0.65113E+04	80.69	10
OTHER	40.00	0.00	8.60	0.15316E+03	12.38	10
TOTAL	409.00	90.00	250.60	0.10506E+05	102.50	10
TOS	1396.21	51.79	173.56	0.36759E+05	191.73	108
SAR	0.47	0.27	0.36	0.19263E-02	0.04	68

Table 0.23.--Water quality statistics at Reynolds, Idaho Site 1B (13500B).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	16.30	0.00	4.32	0.14994E+02	3.87	42
SI02	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORTHO P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL P	-----NO OBSERVATIONS ON THIS VARIABLE-----					
AMMONIA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRITE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NITRATE	-----NO OBSERVATIONS ON THIS VARIABLE-----					
ORGANIC	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(0)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	4.00	0.00	0.63	0.45028E+00	0.74	48
DO2	11.50	5.00	8.24	0.18618E+01	1.36	78
SOLIOS	20.40	0.00	7.75	0.55996E+02	7.52	10
CO3	-----NO OBSERVATIONS ON THIS VARIABLE-----					
WC03	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
S04	-----NO OBSERVATIONS ON THIS VARIABLE-----					
CA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
MG	-----NO OBSERVATIONS ON THIS VARIABLE-----					
NA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
K	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLI(T)	3860.00	0.00	327.13	0.28099E+06	530.09	144
COLI(F)	820.00	0.00	76.20	0.18525E+05	136.11	143
FECAL S	4700.00	0.00	115.10	0.21602E+06	465.42	106
PH(LAB)	8.70	6.15	7.93	0.18055E+00	0.42	48
PH(FLD)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.CONO.	1875.00	49.00	212.89	0.12224E+06	349.63	53
TURB.	-----NO OBSERVATIONS ON THIS VARIABLE-----					
FLOW	81.28	0.74	15.82	0.46641E+03	21.60	50
TEMP.	25.00	0.00	9.72	0.38128E+02	6.17	99
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1500.75	46.69	199.60	0.65722E+05	292.78	51
SAR	-----NO OBSERVATIONS ON THIS VARIABLE-----					

Table 0.24.--Water quality statistics at Reynolds, Idaho Site 20 (135017).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	50.00	2.00	8.92	0.69767E+02	8.35	52
SI02	33.80	10.90	27.25	0.13580E+02	3.69	50
ORTHO P	0.24	0.01	0.04	0.10267E-02	0.03	51
TOTAL P	0.58	0.03	0.10	0.10349E-01	0.10	50
AMMONIA	0.01	0.00	0.00	0.14194E-04	0.00	48
NITRITE	0.01	0.00	0.00	0.56471E-05	0.00	51
NITRATE	0.43	0.02	0.11	0.94380E-02	0.10	51
ORGANIC	1.02	0.11	0.24	0.27321E-01	0.17	48
BOD(0)	0.12	0.00	0.03	0.74966E-03	0.03	49
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	6.00	0.00	2.70	0.41225E+01	2.03	9
DO2	13.00	4.00	8.40	0.20995E+01	1.45	111
SOLIOS	1214.00	0.00	29.19	0.16457E+05	128.29	91
CO3	0.00	0.00	0.00	0.00000E+00	0.00	50
WC03	114.09	41.40	77.65	0.54225E+03	23.29	51
CL	1.77	0.00	0.47	0.23542E+00	0.49	51
S04	6.24	0.00	1.89	0.25739E+01	1.60	51
CA	20.64	1.20	13.96	0.19755E+02	4.44	51
MG	7.17	1.46	4.59	0.25882E+01	1.61	51
NA	7.82	3.45	5.60	0.15278E+01	1.24	51
K	1.96	0.39	1.20	0.10360E+00	0.32	51
COLI(T)	3300.00	0.00	389.20	0.42848E+06	654.58	158
COLI(F)	1520.00	0.00	109.06	0.55056E+05	234.64	157
FECAL S	760.00	0.00	77.96	0.18038E+05	134.31	104
PH(LAB)	8.62	6.10	7.85	0.12581E+00	0.35	98
PH(FLD)	8.30	6.60	7.75	0.31521E+00	0.56	13
E.CONO.	3800.00	50.00	202.59	0.19612E+06	442.85	104
TURB.	90.00	1.00	9.92	0.32301E+03	17.97	48
FLOW	37.29	0.01	4.59	0.51967E+02	7.21	101
TEMP.	22.00	0.00	8.04	0.39893E+02	5.74	138
TRICHOPT	91.00	4.00	35.13	0.11133E+04	33.37	8
EPHEMER	94.00	21.00	55.88	0.81727E+03	28.59	8
PLECOPT	136.00	1.00	33.13	0.19150E+04	43.76	8
COLEOPT	50.00	6.00	29.88	0.25127E+03	15.85	8
DIPTERA	260.00	8.00	98.88	0.78196E+04	88.43	8
OTHER	11.00	0.00	3.63	0.15411E+02	3.93	8
TOTAL	489.00	128.00	256.50	0.15219E+05	123.37	8
TDS	1678.15	49.33	167.18	0.53909E+05	232.18	97
SAR	0.52	0.27	0.34	0.17438E-02	0.04	51

Table 0.25.--Water quality statistics at Reynolds, Idaho Site 19 (135018).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COO	36.00	6.41	17.80	0.25361E+03	15.93	3
SIO2	23.50	20.00	21.75	0.61250E+01	2.47	2
ORTHO P	0.41	0.08	0.25	0.54450E-01	0.23	2
TOTAL P	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
AMMONIA	0.00	0.00	0.00	0.00000E+00	0.00	2
NITRITE	0.00	0.00	0.00	0.00000E+00	0.00	2
NITRATE	0.37	0.22	0.29	0.11250E-01	0.11	2
ORGANIC	0.08	0.33	0.61	0.15125E+00	0.39	2
BORON	0.05	0.01	0.03	0.80000E-03	0.03	2
BOO(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOO(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OO2	11.00	6.00	8.14	0.17200E+01	1.31	75
SOLIOS	7.60	1.00	2.92	0.70320E-01	2.65	5
CO3	0.00	0.00	0.00	0.00000E+00	0.00	2
HC03	67.72	49.42	58.57	0.16745E+03	12.94	2
CL	1.42	0.71	1.07	0.25208E+00	0.50	2
SO4	1.92	0.96	1.44	0.46600E+00	0.66	2
CA	11.62	9.62	10.62	0.20000E+01	1.41	2
NG	4.50	2.92	3.71	0.12482E+01	1.12	2
NA	5.75	4.14	4.95	0.12960E+01	1.14	2
K	1.56	1.17	1.37	0.76050E-01	0.28	2
COLI(T)	3950.00	0.00	332.56	0.44146E+06	664.43	142
COLI(F)	1552.00	0.00	59.49	0.26730E+05	163.49	142
FECAL S	520.00	0.00	52.57	0.83313E+04	91.28	103
PH(LAB)	8.50	6.10	7.85	0.18028E+00	0.42	47
PH(FLO)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.COLO.	2000.00	48.00	219.62	0.12888E+06	359.00	53
TURB.	70.00	0.00	46.00	0.11520E+04	33.94	2
FLOW	60.96	0.56	12.32	0.25826E+03	16.07	50
TEMP.	26.00	0.00	10.09	0.41624E+02	6.45	98
TRICHOPT	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1573.20	47.03	204.60	0.86981E+05	294.93	50
SAR	0.36	0.30	0.33	0.40000E-02	0.06	2

Table 0.26.--Water quality statistics at Reynolds, Idaho Site 21 (155019).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COO	55.00	0.00	8.05	0.10553E+03	10.27	48
SIO2	23.50	7.50	18.43	0.69028E+01	2.63	45
ORTHO P	0.12	0.01	0.03	0.42343E-03	0.02	45
TOTAL P	1.41	0.02	0.11	0.48748E-01	0.22	45
AMMONIA	0.01	0.00	0.00	0.17247E-04	0.00	42
NITRITE	0.01	0.00	0.00	0.63636E-05	0.00	45
NITRATE	0.73	0.02	0.21	0.34849E-01	0.19	45
ORGANIC	1.42	0.09	0.26	0.48587E-01	0.22	42
BORON	0.29	0.00	0.03	0.21685E-02	0.05	43
BOO(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOO(5)	6.00	0.00	2.13	0.28239E+01	1.68	12
OO2	12.00	6.00	8.58	0.19713E+01	1.40	113
SOLIOS	906.00	0.00	24.54	0.10768E+05	103.76	82
CO3	0.00	0.00	0.00	0.00000E+00	0.00	45
HC03	64.67	20.13	41.77	0.14473E+03	12.03	45
CL	1.06	0.00	0.17	0.76631E-01	0.28	45
SO4	10.09	0.48	5.29	0.94006E+01	3.07	45
CA	14.83	4.01	9.36	0.10132E+02	3.18	45
NG	3.28	0.60	1.90	0.53283E+00	0.73	45
NA	5.98	2.76	4.42	0.72388E+00	0.85	45
K	1.60	0.39	0.86	0.75208E-01	0.27	45
COLI(T)	2180.00	0.00	248.01	0.16978E+06	412.04	155
COLI(F)	1160.00	0.00	30.53	0.10710E+05	103.49	154
FECAL S	634.00	0.00	56.82	0.10875E+05	104.28	107
PH(LAB)	8.50	6.61	7.67	0.24563E+00	0.50	94
PH(FLO)	8.10	5.80	7.49	0.43291E+00	0.66	11
E.COLO.	2020.00	31.00	115.33	0.51538E+05	227.02	105
TURB.	140.00	1.00	12.07	0.47488E+03	21.79	43
FLOW	18.20	0.01	0.78	0.52191E+01	2.28	101
TEMP.	21.50	0.00	8.05	0.37500E+02	6.12	136
TRICHOPT	201.00	51.00	113.50	0.40890E+04	63.95	4
EPHEMER	60.00	40.00	50.00	0.12067E+03	10.98	4
PLECOPT	60.00	3.00	32.00	0.19100E+03	30.17	4
COLEOPT	24.00	4.00	9.50	0.94333E+02	9.71	4
OIPTERA	114.00	24.00	49.75	0.18483E+04	42.99	4
OTHER	4.00	2.00	3.00	0.66667E+00	0.82	4
TOTAL	357.00	215.00	257.50	0.44763E+04	66.91	4
TDS	1658.62	32.24	113.70	0.37060E+05	192.51	99
SAR	0.41	0.30	0.35	0.96133E-03	0.03	45

Table 0.27.--Water quality statistics at Reynolds, Idaho Site 22 (166074).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COO	30.00	3.00	8.09	0.31959E+02	5.65	32
SI02	27.20	6.10	20.17	0.21772E+02	4.67	34
ORTHO P	0.04	0.00	0.02	0.46310E-04	0.01	34
TOTAL P	0.20	0.03	0.05	0.12347E-02	0.04	34
AMMONIA	0.01	0.00	0.00	0.15726E-04	0.00	32
NITRITE	0.00	0.00	0.00	0.00000E+00	0.00	34
NITRATE	0.41	0.02	0.09	0.10181E-01	0.10	34
ORGANIC	1.18	0.11	0.23	0.34658E-01	0.19	32
BORON	0.68	0.00	0.02	0.69667E-03	0.03	32
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	6.00	1.00	2.83	0.33667E+01	1.83	6
DO2	11.00	3.50	7.57	0.21891E+01	1.48	87
SOLIDS	11494.00	0.00	204.23	0.22360E+07	1495.33	59
CO3	0.00	0.00	0.00	0.00000E+00	0.00	34
HCO3	55.52	12.81	26.16	0.84853E+02	9.21	34
CL	1.42	0.00	0.19	0.11585E+00	0.34	34
SO4	5.28	0.00	1.67	0.17747E+01	1.33	34
CA	10.22	2.61	4.63	0.22579E+01	1.50	34
MG	7.42	0.24	1.31	0.14289E+01	1.20	34
NA	5.75	1.84	3.44	0.70848E+00	0.84	34
K	2.70	0.39	0.77	0.20358E+00	0.45	34
COLI(T)	10540.00	0.00	553.33	0.17607E+07	1326.91	123
COLI(F)	3000.00	0.00	172.19	0.14968E+06	387.12	123
FECAL S	2080.00	0.00	119.77	0.98010E+05	313.06	95
PH(LAB)	8.40	6.35	7.37	0.19431E+00	0.44	70
PH(FLD)	7.60	6.10	7.06	0.18552E+00	0.43	11
E.CONO.	1500.00	17.00	71.82	0.31814E+05	178.36	78
TURB.	16.00	3.00	7.44	0.12577E+02	3.55	32
FLOW	4.56	0.00	0.23	0.42528E+00	0.65	77
TEMP.	23.00	0.00	7.70	0.48154E+02	6.94	110
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1252.35	16.54	71.38	0.23618E+05	153.68	72
SAR	0.46	0.27	0.37	0.26598E-02	0.05	34

Table 0.28.--Water quality statistics at Reynolds, Idaho Site 23 (176512).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	7.00	0.00	1.35	0.22948E+01	1.51	37
SI02	12.10	4.00	10.31	0.25139E+01	1.59	36
ORTHO P	0.02	0.00	0.01	0.21922E-04	0.00	37
TOTAL P	0.06	0.01	0.02	0.86038E-04	0.01	37
AMMONIA	0.01	0.00	0.00	0.14973E-04	0.00	34
NITRITE	0.02	0.00	0.00	0.13571E-04	0.00	36
NITRATE	3.25	0.44	1.84	0.44969E+00	0.67	37
ORGANIC	0.26	0.00	0.09	0.29818E-02	0.05	34
BORON	0.10	0.00	0.03	0.63815E-03	0.03	35
BOD(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOD(5)	3.20	0.50	1.69	0.70982E+00	0.84	8
DO2	10.00	4.00	7.84	0.11746E+01	1.08	80
SOLIDS	30.00	0.00	4.41	0.47470E+02	6.89	37
CO3	0.00	0.00	0.00	0.00000E+00	0.00	36
HCO3	12.20	6.70	8.47	0.16811E+01	1.30	36
CL	1.40	0.00	0.52	0.27629E+00	0.53	36
SO4	9.61	0.35	1.08	0.22379E+01	1.50	36
CA	5.21	2.40	3.89	0.49133E+00	0.70	36
MG	0.73	0.10	0.44	0.30271E-01	0.17	36
NA	3.22	1.15	1.63	0.14666E+00	0.38	36
K	1.20	0.00	0.56	0.57568E-01	0.24	36
COLI(T)	112.00	0.00	5.70	0.24470E+03	15.64	112
COLI(F)	14.00	0.00	0.41	0.30449E+01	1.74	111
FECAL S	95.00	0.00	1.47	0.12350E+03	11.11	73
PH(LAB)	7.60	6.01	6.92	0.17523E+00	0.42	76
PH(FLD)	7.20	5.80	6.58	0.23128E+00	0.48	13
E.CONO.	1700.00	22.00	61.81	0.35846E+05	189.33	78
TURB.	4.00	0.00	1.68	0.95276E+00	0.98	34
FLOW	0.05	0.00	0.02	0.19396E-03	0.01	78
TEMP.	11.00	3.00	5.08	0.13463E+01	1.16	103
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1865.07	24.14	68.46	0.45455E+05	213.20	74
SAR	0.43	0.17	0.24	0.22933E-02	0.05	36

**Section E**

**VEGETATION AND SOILS**





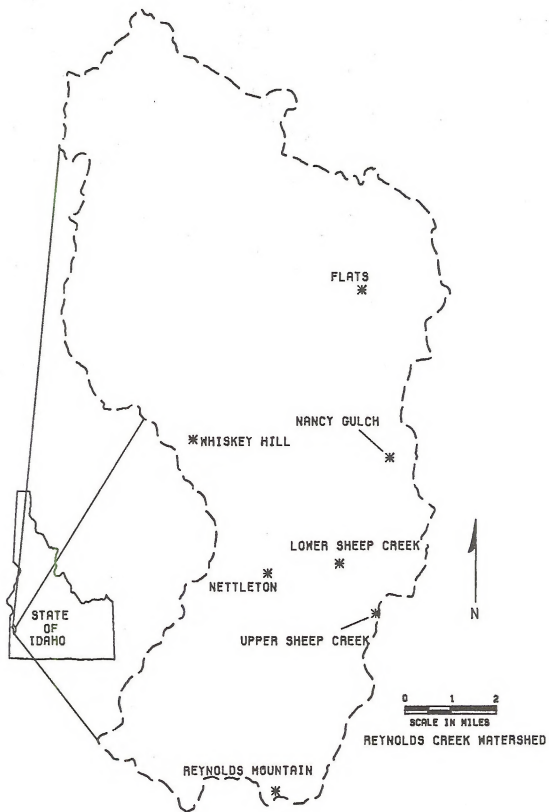


Figure E.1.--Vegetation sites.



Table E.1.1.--Basal cover at the time of peak standing crop at the Flats site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u> <sup>2/</sup>		<u>Shrubs</u>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	11	12	3	5	0	T	31	24	6	10	49	49
1973	2	2	4	5	1	1	33	29	6	10	54	53
1974	17	9	5	5	1	1	38	37	4	8	35	40
1975	17	15	3	3	1	1	3	4	8	13	68	64
1976	2	1	0	0	T	0	5	12	9	14	84	73
1977	3	2	<u>3/</u>	0	2	1	47	26	5	12	43	59
1978	21	9	1	1	1	2	19	14	6	12	52	62
1979	4	2	2	2	T	1	53	30	4	11	37	54
1980	2	4	1	10	0	1	73	36	2	8	22	41
Average	9 <sup>1/</sup>	6 <sup>a</sup>	2	3	1	1	34 <sup>a</sup>	24 <sup>a</sup>	5 <sup>a</sup>	11 <sup>b</sup>	49 <sup>a</sup>	55 <sup>a</sup>

<sup>1/</sup> Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

<sup>2/</sup> The forb and shrub means were not analyzed statistically.

<sup>3/</sup> Trace.

Table E.1.2.--Basal cover at the time of peak standing crop at the Nancy Gulch site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u>		<u>Shrubs</u> <sup>2/</sup>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	13	19	2	5	0	T <sup>3/</sup>	26	27	20	16	39	33
1973	12	7	21	20	1	1	16	11	17	20	33	41
1974	18	14	11	20	1	1	23	13	16	17	31	35
1975	12	12	23	19	1	1	19	14	15	17	30	37
1976	3	3	5	11	T	T	37	34	19	17	36	35
1977	6	4	3	4	2	2	39	41	17	16	33	33
1978	8	9	13	9	1	1	19	19	20	20	39	42
1979	9	10	4	6	1	1	31	30	19	17	36	36
1980	3	7	3	8	1	1	55	47	13	12	25	25
Average	9 <sup>1/</sup>	10 <sup>a</sup>	10 <sup>a</sup>	11 <sup>a</sup>	1	1	29 <sup>a</sup>	26 <sup>a</sup>	17 <sup>a</sup>	17 <sup>a</sup>	34 <sup>a</sup>	35 <sup>a</sup>

<sup>1/</sup> Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

<sup>2/</sup> Shrubs were not analyzed statistically.

<sup>3/</sup> Trace.

Table E.1.3.--Basal cover at the time of peak standing crop at the Nettleton study site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u> <sup>3/</sup>		<u>Shrubs</u>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972 <sup>1/</sup>	24	24	2	2	0	0	33	33	13	13	28	28
1973	23	29	2	0	1	1	43	30	9	12	22	28
1974	27	10	2	1	1	T	47	51	7	11	16	27
1975	40	19	3	2	3	3	39	29	4	14	11	33
1976	5	3	1	3	1	1	59	39	10	16	24	38
1977	25	21	2	1	1	1	47	40	7	11	18	26
1978	10	19	1	4	1	1	70	28	5	14	13	34
1979	6	13	1	T <sup>4/</sup>	1	1	78	39	4	14	10	33
1980	4	8	T	2	0	0	82	49	4	12	10	29
Average	18 <sup>a</sup> <sup>2/</sup>	16 <sup>a</sup>	2	2	1	1	55 <sup>a</sup>	37 <sup>b</sup>	7 <sup>a</sup>	13 <sup>b</sup>	17 <sup>a</sup>	31 <sup>b</sup>

<sup>1/</sup> Data obtained prior to the first years grazing.<sup>2/</sup> Means within each cover type with the same letter are not significantly different at the 0.05 probability level.<sup>3/</sup> The forb and shrub means were not analyzed statistically.<sup>4/</sup> Trace.

Table E.1.4.--Basal cover at the time of peak standing crop at the Lower Sheep Creek study site for the 1972 and 1974 through 1980.

	<u>Grasses</u>		<u>Forbs</u>		<u>Shrubs</u> <sup>2/</sup>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	17	16	4	4	<u>3/</u>	T	25	25	30	31	24	24
1974	19	17	3	5	3	2	21	18	30	33	24	25
1975	12	15	33	16	6	5	5	5	24	33	20	26
1976	4	6	5	6	1	1	31	30	32	32	27	25
1977	37	29	19	13	1	3	7	5	20	28	16	22
1978	8	13	3	3	2	3	35	26	29	31	23	24
1979	10	12	2	1	1	3	34	29	29	31	24	24
1980	T	1	0	T	T	T	53	47	26	29	21	23
Average	13 <sup>1/</sup>	14 <sup>a</sup>	9 <sup>a</sup>	6 <sup>a</sup>	2	2	26 <sup>a</sup>	23 <sup>a</sup>	28 <sup>a</sup>	31 <sup>b</sup>	22 <sup>a</sup>	24 <sup>a</sup>

<sup>1/</sup>Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

<sup>2/</sup>Shrubs were not analyzed statistically.

<sup>3/</sup>Trace.

Table E.1.5.—Basal cover at the time of peak standing crop at the Whiskey Hill site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u> <sup>2/</sup>		<u>Shrubs</u>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	20	26	10	6	2	3	35	30	5	5	28	30
1973	5	19	1	4	3	1	54	45	5	5	32	26
1974	17	12	6	2	1	3	45	44	4	6	27	33
1975	20	14	8	3	2	4	41	46	4	5	25	28
1976	4	5	<u>3/</u>	5	1	3	55	57	6	5	34	25
1977	17	10	14	4	2	5	31	47	5	5	31	29
1978	8	6	2	2	1	2	38	51	4	6	27	33
1979	11	5	2	2	1	1	56	54	4	6	26	32
1980	3	1	1	1	0	1	81	70	2	4	13	23
Average	12 <sup>1/</sup>	11 <sup>a</sup>	5	3	2	3	49 <sup>a</sup>	49 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	27 <sup>a</sup>	29 <sup>a</sup>

<sup>1/</sup> Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

<sup>2/</sup> The forb and shrub means were not analyzed statistically.

<sup>3/</sup> Trace.

Table E.1.6.--Basal cover at the time of peak standing crop at the Upper Sheep Creek (sparse) study site for 1972 and 1974 through 1980.

	<u>Grasses</u>		<u>Forbs</u> <sup>2/</sup>		<u>Shrubs</u>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	14	9	4	2	2	1	18	16	30	33	32	39
1974	7	6	1	1	2	3	14	9	37	37	39	44
1975	6	3	4	2	13	6	8	8	33	37	36	44
1976	4	3	<u>1</u> <sup>3/</sup>	1	1	1	13	8	40	40	42	47
1977	12	9	2	2	9	6	8	4	33	36	36	43
1978	7	7	1	1	2	2	24	18	32	33	34	39
1979	7	6	1	1	2	1	24	18	32	34	34	40
1980	1	1	1	1	T	T	33	26	31	33	34	39
Average	7 <sup>1/</sup>	6 <sup>b</sup>	2	1	4 <sup>a</sup>	3 <sup>a</sup>	18 <sup>a</sup>	13 <sup>b</sup>	33 <sup>a</sup>	35 <sup>b</sup>	36 <sup>a</sup>	42 <sup>b</sup>

<sup>1/</sup> Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

<sup>2/</sup> The forb means were not analyzed statistically.

<sup>3/</sup> Trace.



Table E.1.7.--Basal cover at the time of peak standing crop at the Upper Sheep Creek (dense) study site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u>		<u>Shrubs</u> <sup>2/</sup>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	38	32	14	23	T <sup>3/</sup>	1	41	33	1	1	6	10
1973	13	10	4	6	3	4	65	62	1	1	14	17
1974	25	4	4	16	4	3	55	59	1	1	11	17
1975	7	3	2	6	T	4	83	71	1	1	7	15
1976	1	1	2	3	T	0	88	73	1	1	8	22
1977	12	6	6	10	1	1	66	71	1	1	14	11
1978	24	9	8	11	1	1	63	61	1	1	3	17
1979	7	6	2	4	2	T	86	72	T	1	3	17
1980	T <sup>1/</sup>	T	1	1	T	T	98	92	0	T	1	7
Average	14 <sup>a</sup>	8 <sup>b</sup>	5 <sup>a</sup>	9 <sup>b</sup>	1	1	72 <sup>a</sup>	66 <sup>a</sup>	1	1	7 <sup>a</sup>	15 <sup>b</sup>

<sup>1/</sup> Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

<sup>2/</sup> The shrub and rock means were not analyzed statistically.

<sup>3/</sup> Trace.

Table E.1.8.—Basal cover at the time of peak standing crop at the Reynolds Mountain (sparse) study site for 1972 and 1974 through 1980.

	<u>Grasses</u>		<u>Forbs</u>		<u>Shrubs</u> <sup>2/</sup>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	13	9	4	6	<u>1</u> <sup>3/</sup>	0	16	19	50	46	17	20
1974	9	13	8	8	1	1	17	13	49	45	16	20
1975	11	10	9	10	3	4	8	10	52	46	17	20
1976	10	11	3	4	1	1	9	21	58	44	19	19
1977	12	12	15	13	1	T	20	23	39	36	13	16
1978	5	6	7	9	1	T	22	30	49	38	16	17
1979	7	5	6	9	T	T	27	27	45	41	15	18
1980	1	1	1	3	0	T	37	32	46	45	15	19
Average	9 <sup>a</sup> <sup>1/</sup>	8 <sup>a</sup>	7 <sup>a</sup>	8 <sup>a</sup>	1	1	19 <sup>a</sup>	22 <sup>a</sup>	48 <sup>a</sup>	42 <sup>b</sup>	16 <sup>a</sup>	19 <sup>b</sup>

<sup>1/</sup> Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

<sup>2/</sup> The shrub means were not analyzed statistically.

<sup>3/</sup> Trace.

Table E.1.9.—Basal cover at the time of peak standing crop at the Reynolds Mountain (dense) study site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u>		<u>Shrubs</u> <sup>2/</sup>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	23	17	18	19	1	2	40	42	3	3	15	17
1973	21	4	8	3	4	4	45	64	3	4	19	21
1974	14	10	7	6	1	1	45	54	5	4	28	25
1975	12	14	5	8	3	3	57	49	4	4	19	22
1976	22	14	25	21	4	3	36	31	2	5	11	26
1977	27	12	8	2	T <sup>3/</sup>	T	49	62	2	4	14	20
1978	10	3	4	3	1	T	69	75	2	3	14	16
1979	6	3	1	2	1	T	70	66	3	4	19	25
1980	0	T	T	1	0	0	81	68	3	5	16	26
Average	15 <sup>a</sup> <sup>1/</sup>	9 <sup>b</sup>	8 <sup>a</sup>	7 <sup>a</sup>	2	1	55 <sup>a</sup>	57 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	17 <sup>a</sup>	22 <sup>a</sup>

<sup>1/</sup> Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

<sup>2/</sup> The shrub means were not analyzed statistically.

<sup>3/</sup> Trace.

Table E.1.10. --Basal cover measured during late summer at nine study sites for 1974, 1975, 1978, and 1979.

	Grasses		Forbs		Shrubs		Litter		Rock		Bare Ground	
	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed
FLATS												
1974	0	0	0	0	T	1	56	55	5	7	39	37
1975	4	2	2	3	3	1	45	36	5	10	41	48
1978	0	0	T	2	1	1	65	35	3	11	31	53
1979	1/	0	0	0	0	0	64	45	4	9	32	46
Average	1	1	T	1	1	1	58	42	4	9	36	46
NANCY GULCH												
1974	0	0	0	0	1	1	51	39	16	19	32	41
1975	14	12	15	16	2	1	26	20	15	16	28	35
1978	6	4	0	0	2	1	43	44	17	16	32	35
1979	2	8	T	T	T	1	58	50	14	13	26	28
Average	5	6	4	4	1	1	44	38	16	16	30	35
NETTLETON												
1975	27	14	3	1	1	3	55	45	4	11	10	26
1978	0	0	T	0	1	T	82	60	5	12	12	28
1979	T	0	0	0	0	T	89	58	3	13	8	29
Average	9	5	1	T	1	1	75	54	4	12	10	28
LOWER SHEEP CREEK												
1975	16	14	15	10	1	2	17	19	28	31	23	24
1978	6	8	T	0	2	2	45	44	26	26	21	20
1979	T	0	0	0	0	T	60	54	22	26	18	20
Average	7	7	5	3	1	1	41	39	25	28	21	22
WHISKEY HILL												
1974	0	0	1	1	0	0	63	64	5	5	31	30
1975	11	11	3	1	2	3	62	60	3	4	19	21
1978	3	2	T	T	2	2	78	76	2	3	15	17
1979	1	0	0	0	0	0	87	76	2	4	10	20
Average	4	3	1	1	1	1	72	69	3	4	19	22
UPPER SHEEP CREEK (Sparse)												
1975	7	6	1	1	3	3	17	8	35	36	37	44
1978	4	4	0	T	2	2	29	22	31	33	34	39
1979	1	T	0	0	T	T	37	32	30	31	32	37
Average	4	3	T	T	2	2	28	21	32	34	34	40
UPPER SHEEP CREEK (Dense)												
1978	1	6	0	T	1	T	94	81	T	1	4	12
1979	1	T	0	0	0	0	97	92	T	T	2	8
Average	1	3	0	T	T	T	96	86	T	1	3	10
REYNOLDS MOUNTAIN (Sparse)												
1974	0	0	0	0	0	0	48	47	39	37	13	16
1978	2	1	2	3	1	1	45	47	38	33	12	15
1979	2	4	3	5	1	T	30	38	48	37	16	16
Average	1	2	2	3	1	T	41	44	41	35	14	16
REYNOLDS MOUNTAIN (Dense)												
1974	8	6	0	0	0	1	50	68	6	4	36	21
1978	4	5	2	1	1	T	79	75	2	3	12	16
1979	2	1	1	0	0	T	84	77	2	3	11	19
Average	5	4	1	T	T	T	71	74	3	3	20	19

1/ Trace

Table E.1.11.--Frequency of occurrence<sup>1/</sup> at time of peak standing crop at the Flats site for 1972 through 1980.

Year	Total	Grasses				Forbs	Shrubs		
		Total	Cheatgrass brome	Sandberg bluegrass	Bottlebrush squirreltail		Total	Big Sagebrush	Shadscale
Ungrazed									
1972	79	37	33	T	3	29	13	2	12
1973	69	42	36	T	5	16	11	1	10
1974	56	30	23	0	7	16	10	T	9
1975	40	31	25	T	5	4	5	T	5
1976	72	57	50	3	4	5	10	2	8
1977	16	4	T	0	4	T	11	1	10
1978	51	41	31	T	10	1	9	T	8
1979	52	30	11	T	18	15	7	1	6
1980	67	41	24	1	15	14	12	1	11
AV	56	35	26	T	8	11	10	1	9
Grazed									
1972	76	31	26	0	5	30	15	1	14
1973	60	25	22	0	2	22	13	4	9
1974	54	21	16	T	5	22	11	3	8
1975	40	31	28	T	2	3	6	2	3
1976	69	55	54	T	1	5	9	2	7
1977	10	3	T	T	3	0	7	2	6
1978	33	19	17	0	2	3	11	4	7
1979	30	8	4	T	4	13	9	4	5
1980	63	20	13	T	7	33	10	3	6
AV	48	24	20	T	3	14	10	3	7

<sup>1/</sup>Frequency of occurrence is the total number of tests divided by the number of quadrats per year where no more than one hit per species was recorded for each quadrat.

Table E.1.12.--Frequency of occurrence at time of peak standing crop at the Nancy Gulch site for 1972 through 1980.

Year	Total	Grasses					Forbs	Shrubs	
		Total	Bluebunch wheatgrass	Cheatgrass brome	Sandberg bluegrass	Bottlebrush squirreltail		Total	Big Sagebrush
Ungrazed									
1972	63	34	3	2	24	5	8	21	18
1973	71	26	1	1	20	4	26	19	16
1974	55	29	2	T	22	5	13	13	9
1975	90	45	1	2	36	6	30	15	12
1976	85	58	2	T	50	6	15	12	11
1977	22	7	T	0	5	2	3	12	11
1978	55	24	1	T	18	5	19	12	10
1979	38	22	2	0	17	3	6	10	9
1980	64	33	2	0	26	5	12	19	16
AV	60	31	2	1	24	4	14	15	12
Grazed									
1972	64	32	2	1	26	3	14	18	18
1973	54	16	T	1	14	1	25	13	13
1974	50	19	T	1	16	2	21	10	9
1975	76	37	0	2	33	2	26	13	13
1976	86	50	4	T	42	4	23	13	13
1977	18	5	0	0	4	1	4	9	9
1978	39	19	1	0	17	1	13	7	7
1979	40	20	1	0	18	1	7	13	13
1980	68	29	1	T	25	3	18	21	21
AV	55	25	1	1	21	2	17	13	13

Table E.1.13.—Frequency of occurrence at time of peak standing crop at the Nettleton site for 1972 through 1980.

Year	Total	Grasses					Forbs	Shrubs		
		Total	Bluebunch wheatgrass	Cheatgrass brome	Sandberg bluegrass	Bottlebrush squirreltail		Total	Big Sagebrush	Antelope bitterbrush
Ungrazed										
1972	98	64	4	25	29	6	19	15	9	6
1973	63	44	2	10	25	6	9	10	5	4
1974	93	68	4	27	28	8	13	12	6	4
1975	122	92	10	49	32	1	13	17	8	8
1976	138	78	4	32	33	8	45	15	10	0
1977	66	54	0	31	11	4	4	8	6	2
1978	112	92	12	58	13	9	9	11	6	4
1979	54	36	14	6	5	10	10	8	4	4
1980	103	48	8	9	18	11	37	18	6	9
AV	94	64	6	27	21	7	17	13	7	5
Grazed										
1972	87	63	1	26	27	9	6	18	17	T
1973	41	30	0	5	21	4	T	11	10	T
1974	27	20	T	6	11	2	2	5	5	0
1975	75	52	0	14	36	1	8	15	13	1
1976	123	71	0	9	57	5	43	9	9	0
1977	42	34	0	15	16	3	1	7	7	0
1978	102	81	0	23	50	8	13	8	8	0
1979	55	38	T	3	28	6	9	8	8	T
1980	92	55	6	6	43	T	29	8	8	T
AV	71	49	1	12	32	4	12	10	9	T

Table E.1.14.--Frequency of occurrence at time of peak standing crop at the Lower Sheep Creek site for 1972 and 1974 through 1980.

Year	Total	Grasses				Forbs	Shrubs	
		Total	Bluebunch wheatgrass	Sandberg bluegrass	Bottlebrush squirreltail		Total	Low Sagebrush
Ungrazed								
1972	77	37	1	30	5	9	31	30
1974	54	26	1	23	2	8	20	19
1975	103	29	0	26	3	46	28	28
1976	95	42	1	38	3	22	31	31
1977	80	40	1	32	7	23	17	17
1978	61	17	1	14	1	19	25	24
1979	59	19	1	15	2	15	25	25
1980	78	26	1	23	1	28	24	23
AV	76	30	1	25	3	21	25	25
Grazed								
1972	71	34	T	31	2	11	26	26
1974	51	22	0	21	1	9	20	20
1975	74	22	0	22	T	26	26	26
1976	101	49	0	48	T	20	32	26
1977	67	30	0	30	T	14	23	22
1978	51	16	T	16	T	12	23	22
1979	56	17	T	17	T	14	25	25
1980	80	26	0	25	T	28	26	25
AV	69	27	T	26	T	17	25	24



Table E.1.15.—Frequency of occurrence at time of peak standing crop at the Whiskey Hill site for 1972 through 1980.

Year	Total	Grasses						Forbs	Shrubs	
		Total	Bluebunch	Cheatgrass	Idaho	Sandberg	Bottlebrush		Total	Big
			wheatgrass	brome	fescue	bluegrass	squirreltail			Sagebrush
Ungrazed										
1972	96	29	T	9	5	9	3	20	47	40
1973	77	24	5	8	4	7	T	17	36	29
1974	79	42	4	15	7	7	8	19	18	15
1975	119	52	8	22	9	5	7	30	37	28
1976	106	36	4	10	3	12	7	42	28	19
1977	108	40	3	15	9	4	9	40	28	21
1978	116	62	8	26	11	4	11	32	22	16
1979	85	33	9	7	9	5	3	32	20	13
1980	135	46	5	20	10	7	2	53	36	27
AV	102	40	5	15	7	7	6	32	30	23
Grazed										
1972	99	34	0	13	14	4	1	14	51	40
1973	71	22	1	4	1	11	5	10	39	31
1974	77	38	0	22	T	7	9	14	25	16
1975	90	31	2	11	1	11	6	17	42	31
1976	114	37	1	14	3	7	12	37	40	31
1977	91	34	1	16	1	7	9	19	38	27
1978	98	45	2	24	2	9	8	24	29	21
1979	72	20	3	6	T	9	1	26	26	17
1980	124	42	1	29	1	8	1	38	44	29
AV	93	34	1	15	2	8	6	22	37	27

Table E.1.16.--Frequency of occurrence at time of peak standing crop at the Upper Sheep Creek (sparse) site for 1972 and 1974 through 1980.

Year	Total	Grasses				Forbs	Shrubs	
		Total	Bluebunch wheatgrass	Sandberg bluegrass	Bottlebrush squirreltail		Total	Low Sagebrush
Ungrazed								
1972	74	28	T	25	1	10	36	26
1974	44	14	1	12	1	5	25	20
1975	52	13	1	11	1	10	29	20
1976	66	28	T	26	1	8	30	24
1977	59	19	1	17	1	8	32	25
1978	67	21	1	18	1	12	34	24
1979	54	19	1	17	T	10	25	19
1980	83	27	1	25	1	22	34	26
AV	62	21	1	19	1	11	30	23
Grazed								
1972	56	20	T	17	1	6	30	30
1974	28	7	0	7	T	2	19	14
1975	47	13	1	11	1	8	26	18
1976	55	24	0	23	1	6	25	17
1977	47	15	T	14	T	6	26	20
1978	58	19	T	18	T	9	30	20
1979	46	17	T	16	T	6	23	16
1980	66	20	T	18	1	16	30	22
AV	50	17	T	16	T	7	26	20

Table E.1.17.--Frequency of occurrence at time of peak standing crop at the Upper Sheep Creek (dense) site 1972 through 1980.

Year	Grasses							Forbs	Shrubs		
	Total	Total	Slender	Carex	Bluegrass	Bottlebrush	Total		Big Sagebrush	Mountain	
			wheatgrass			squirreltail				snowberry	
Ungrazed											
1972	134	55	7	0	9	15	10	19	60	47	7
1973	91	37	6	T	8	7	10	13	41	31	7
1974	96	41	7	0	6	13	7	10	45	30	11
1975	114	48	7	2	11	12	11	21	45	32	11
1976	109	26	4	T	8	8	4	22	61	37	17
1977	124	60	8	T	15	21	5	37	27	10	12
1978	155	92	17	1	16	25	14	36	27	9	14
1979	109	62	17	1	17	6	7	27	20	7	9
1980	135	51	21	8	15	2	2	51	33	13	14
AV	118	52	10	1	12	12	8	26	40	24	11
Grazed											
1972	135	39	3	6	5	11	11	46	50	46	4
1973	75	17	2	1	2	3	7	29	29	25	2
1974	79	5	0	0	T	3	1	31	43	35	5
1975	92	13	T	0	T	1	10	31	48	40	7
1976	99	6	1	T	2	1	2	39	54	40	7
1977	79	22	1	T	2	7	4	48	9	5	3
1978	104	36	1	1	5	12	7	57	11	4	4
1979	83	27	4	T	3	9	7	48	8	3	2
1980	147	47	15	11	9	1	0	88	12	5	6
AV	99	24	3	2	3	5	5	46	29	23	4

Table E.1.18.--Frequency of occurrence at time of peak standing crop at the Reynolds Mountain (sparse) site 1972 and 1974 through 1980.

Year	Total	Grasses						Forbs	Shrubs	
		Total	Carex	Idaho fescue	Bluegrass	Bottlebrush squirreltail	Needlegrass		Total	Big Sagebrush
Ungrazed										
1972	70	30	8	6	9	3	0	17	23	22
1974	44	18	3	3	9	1	1	11	15	14
1975	54	18	6	4	4	1	3	19	17	17
1976	68	20	11	2	4	1	2	29	19	19
1977	56	16	1	6	5	2	1	30	10	10
1978	58	22	5	10	3	2	2	24	12	10
1979	42	15	2	6	3	1	3	16	11	10
1980	63	21	6	9	5	1	0	25	17	15
AV	57	20	5	6	5	1	1	21	16	15
Grazed										
1972	77	30	7	4	11	2	6	25	22	22
1974	50	27	0	3	21	2	1	13	10	10
1975	60	22	3	5	6	2	6	23	15	15
1976	83	29	8	5	10	2	4	31	23	23
1977	54	15	1	2	8	2	1	30	9	9
1978	68	31	4	6	6	4	11	28	9	8
1979	45	18	2	4	5	1	6	17	10	10
1980	59	25	12	6	6	1	0	23	11	10
AV	62	24	4	4	9	2	4	24	14	13

Table E.1.19.--Frequency of occurrence at time of peak standing crop at the Reynolds Mountain (dense) site 1972 through 1980.

Grasses													Forbs	Shrubs		
Year	Total	Total	Big mountain brome	Carex	Idaho fescue	Bluegrass	Bottlebrush squirreltail	Needlegrass	Total	Big Sagebrush	Mountain snowberry					
Ungrazed																
1972	122	30	5	11	0	4	3	6	31	61	59	2				
1973	104	24	6	10	0	2	1	5	31	49	48	T				
1974	93	21	2	13	0	1	0	5	25	47	46	T				
1975	121	42	5	19	0	2	3	10	34	45	44	1				
1976	136	33	7	18	0	2	2	1	41	62	60	2				
1977	109	62	15	29	1	8	4	3	36	11	7	4				
1978	124	60	18	10	T	10	4	11	45	19	18	1				
1979	86	40	12	12	T	6	3	4	30	16	15	T				
1980	121	35	18	11	T	5	0	0	66	20	18	2				
AV	113	38	10	15	T	4	2	5	38	37	35	1				
Grazed																
1972	111	26	8	5	1	6	2	4	33	52	48	4				
1973	83	14	2	6	0	3	T	3	23	46	43	3				
1974	78	15	4	7	T	2	T	2	24	39	32	6				
1975	124	33	3	8	1	3	1	15	38	53	50	3				
1976	123	19	4	6	1	3	2	3	40	64	61	3				
1977	137	51	23	15	1	6	3	2	75	11	7	4				
1978	130	69	38	4	3	4	3	6	46	15	10	5				
1979	81	30	18	2	1	4	2	1	35	16	8	8				
1980	122	29	17	5	1	4	0	0	73	20	11	7				
AV	110	32	13	6	1	4	1	4	43	35	30	5				



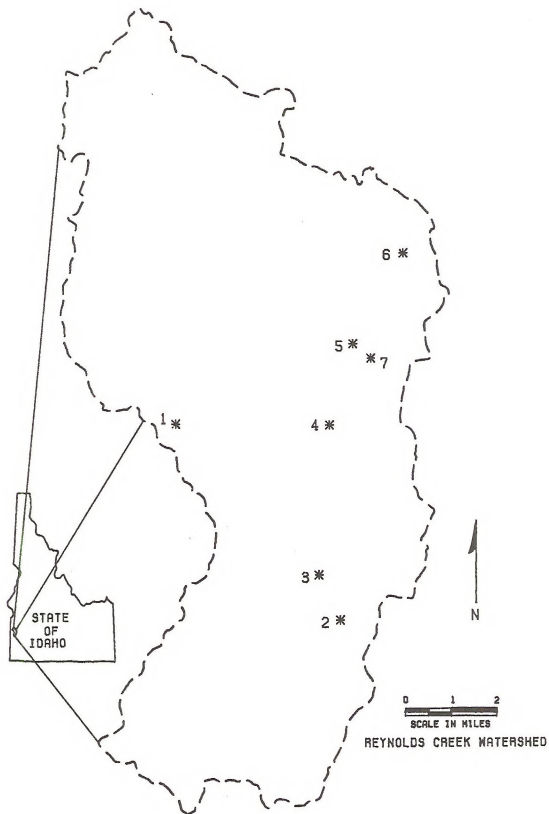


Figure E.2.--Soil sites.





## SOILS DATA SUMMARIES

Detailed pit descriptions and laboratory analyses have been completed in cooperation with the Soil Conservation Service. The descriptions and detailed data in the following tables represent one or more of the individual soils of each association described in Volume II, Chapter 5 - Vegetation and Soils.

As an example, the Nannyton-Larimer-Ackmen association is represented by the Nannyton series, described as a Coarse-Loamy, mixed, mesic Typic Camborthid (Table E.2.5). Site location for the Nannyton series is given in Figure 5.3 (Volume II - Chapter 5) and Figure E.2 as location number 5.



DESCRIPTIONS AND LAB DATA FOR SELECTED SERIES REPRESENTING EACH ASSOCIATION

Table E.2.1.—Site 1. Takeuchi Series: Coarse loamy, mixed, frigid, Typic Haploxeroll.

Horizon	Depth (in.)	Size Fractions			%	Organic C	Bulk Density		Water Content				
		%<2mm					1/3	Oven dry	%<2mm				
		Clay	Silt	Sand					1/3	0.6	2.0	8.0	15.0
A11	0-2	5.8	10.1	84.1	11	2.56	1.14	1.37	21.3	---	---	---	6.0
A12	2-5	9.6	16.6	73.1	14	2.13	1.38	1.41	10.5	---	---	---	6.9
B21T	5-16	12.0	16.9	71.1	16	1.06	1.46	1.48	9.1	---	---	---	7.6
B22T	16-20	13.6	11.7	74.7	20	0.84	1.44	1.47	10.2	---	---	---	6.7
B23T	20-27	4.1	7.0	88.9	14	0.19	1.82	1.91	9.1	---	---	---	3.5
2B3T	27-36	4.9	8.3	86.8	16	0.17	1.84	1.91	9.6	---	---	---	3.8
CR	36-60	2.0	6.7	91.3	69	0.13	2.27	2.33	4.0	---	---	---	2.4

Table E.2.2—Site 2. Harmehl Series: Fine loamy, mixed, Argle Pachic Cryoboroll.

Horizon	Depth (in.)	Size Fractions			%	Organic C	Bulk Density		Water Content				
		%<2mm					1/3	Oven dry	%<2mm				
		Clay	Silt	Sand					1/3	0.6	2.0	8.0	15.0
A1	0-2	18.4	52.0	29.6	12	5.69	---	---	---	---	---	---	21.0
A2	2-5	19.1	55.0	25.9	10	5.44	---	---	---	---	---	---	22.8
A3	5-21	18.8	55.4	25.8	10	3.11	---	---	---	---	---	---	16.2
A4	21-41	16.1	57.5	26.4	12	2.19	---	---	---	---	---	---	15.5
2B1	41-63	8.8	49.4	41.8	47	0.38	---	---	---	---	---	---	15.3
2C	63-73	9.6	43.9	46.5	57	0.37	---	---	---	---	---	---	17.2

Table E.2.3.--Site 3. Searia Series: Fine, montmorillonitic, frigid, Typic Durpserolli.

Horizon	Depth (In.)	Size Fractions			%	Organic C	Bulk Density		Water Content				
		%<2mm					1/3 bar	Oven dry	%<2mm				
		Clay	Silt	Sand					1/3	0.6	2.0	8.0	15.0
A11	0-2	20.3	41.8	37.9	49	4.39	1.17	1.25	29.2	27.8	20.5	16.2	13.7
A12	2-4	20.9	50.8	28.3	15	2.11	--	--	30.6	27.8	18.9	13.5	11.8
B1T	4-12	29.8	46.6	23.6	36	1.33	1.12	1.19	28.0	27.0	19.8	16.1	14.4
B21T	12-15	32.0	37.0	31.0	44	0.51	--	--	--	--	21.0	17.8	15.7
B22T	15-20	49.6	25.6	24.8	18	0.59	1.16	1.51	40.3	38.1	36.5	30.8	26.7
B3T	20-24	31.6	34.4	34.0	28	0.60	1.09	1.24	41.5	40.3	33.6	27.8	25.3
2B21T	24-38	10.6	21.9	67.5	46	0.09	1.19	1.23	36.2	36.6	25.7	22.0	19.8
2B22T	38-63	9.3	26.7	64.0	45	0.05	1.22	1.25	30.8	32.0	24.0	19.1	17.9
2B3T	63-73	12.4	39.6	48.0	30	0.04	1.23	1.30	35.6	34.9	24.4	23.0	23.0

Table E.2.4.--Site 4. Glasgow Series: Fine montmorillonitic, mesic, Xerollic Haplargid.

Horizon	Depth (In.)	Size Fractions			%	Organic C	Bulk Density		Water Content				
		%<2mm					1/3 bar	Oven dry	%<2mm				
		Clay	Silt	Sand					1/3	0.6	2.0	8.0	15.0
A21	0-2	8.2	51.8	40.0	29	0.65	0.69	0.74	84.2	16.5	10.2	7.4	6.8
A22	2-5	11.2	58.8	30.6	11	0.45	1.16	1.22	40.7	18.0	13.4	8.5	7.7
B&A	5-8	23.4	52.3	24.3	8	0.47	0.93	1.40	57.4	25.1	18.5	14.2	12.6
B2T	8-12	57.6	32.6	9.8	2	0.82	1.06	1.14	43.0	60.0	47.9	40.4	36.6
B3T	12-21	52.6	36.9	10.5	2	0.62	1.34	1.44	24.0	56.0	45.4	38.3	33.8
2C1CA	21-26	23.1	36.6	40.3	10	0.72	0.90	1.50	63.9	42.4	34.8	29.3	26.9
2C21CA	26-34	10.7	27.6	61.7	--	0.23	1.60	1.60	15.8	37.2	36.2	26.6	25.4
2C2R2	34-44	6.7	28.8	64.5	--	0.05	1.51	1.51	19.5	42.3	30.5	26.2	25.4

Table E,2,5.--Site 5. Nannyton Series: Coarse loamy, mixed, mesic, Typic Camborthid.

Horizon	Depth (in.)	Size Fractions			%	Organic C	Bulk Density		Water Content					
		%<2mm					1/3 bar	Oven dry	%<2mm					
		Clay	Silt+	Sand					>2 mm	%<2mm	1/3	0.6	2.0	8.0
A1	0-4	8.7	38.8	52.5	9	0.64	1.50	1.58	15.8	14.3	11.6	9.3	7.8	
B21T	4-10	10.8	38.2	51.0	9	0.35	1.43	1.49	15.9	15.1	12.2	10.6	9.4	
B22T	10-17	16.1	32.6	51.3	14	0.43	1.27	1.27	23.3	--	17.9	15.4	14.2	
C CA	17-26	9.3	20.8	69.9	6	0.34	1.33	1.36	30.2	29.0	18.8	16.9	15.6	
C CA	26-38	2.9	22.5	74.6	9	0.20	1.48	1.52	22.7	18.1	13.1	11.3	10.5	
2AB	38-52	0.4	20.3	79.3	2	0.12	1.43	1.46	17.5	17.4	10.2	8.7	8.4	
2B TB	52-69	10.1	25.7	64.2	2	0.13	1.50	1.54	17.6	16.0	10.3	8.9	7.8	
3C	69-75	3.7	4.6	91.7	22	0.03	--	--	--	--	3.5	3.0	2.5	
3C	75-81	8.2	14.7	77.1	10	0.06	--	--	--	--	7.3	7.1	6.0	

Table E,2,6.--Site 6. Reywat Series: Fine loamy, mixed, mesic, Xerollic Camborthid.

Horizon	Depth (in.)	Size Fractions				%	Organic C	Bulk Density		Water Content				
		%<2mm			1/3			Oven dry	%<2mm					
		Clay	Silt	Sand					1/3	0.6	2.0	8.0	15.0	
A11	0-3	4.5	27.9	67.6	13	0.51	1.58	1.63	10.4	--	--	--	6.4	
A12	3-6	5.7	25.9	68.4	12	0.16	1.77	1.83	8.6	--	--	--	6.5	
B21T	6-12	8.7	33.1	58.2	13	0.23	1.55	1.60	11.2	--	--	--	8.6	
B22T	12-20	6.6	33.8	59.6	18	0.28	1.61	1.66	13.1	--	--	--	8.9	
2B31	20-38	2.9	27.9	60.2	26	0.19	1.71	1.74	10.0	--	--	--	7.6	
3B32CA	38-58	7.5	26.2	66.3	23	0.25	1.59	1.61	13.3	--	--	--	9.4	
4C1	58-69	5.9	18.0	77.0	51	0.20	--	--	--	--	--	--	7.8	

Table E.2.7.--Site 7. Castlevale - Brownlee Series: Clayey over sandy or sandy-skeletal.

Horizon	Depth (In.)	Size Fractions			%	Organic C	Bulk Density		Water Content				
		%<2mm					1/3 bar	Oven dry	%<2mm				
		Clay	Silt	Sand					1/3	0.6	2.0	8.0	15.0
A11	0-2	7.0	38.7	54.3	8	0.84	1.51	1.57	14.0	13.5	10.5	5.9	5.5
A12	2-5	8.7	41.0	50.3	7	0.41	1.48	1.48	21.3	20.6	10.5	7.5	6.6
B1T	5-7	13.2	41.5	45.3	21	0.34	1.40	--	17.5	15.5	11.5	9.8	7.8
B2T	7-12	27.8	14.4	57.8	17	0.32	1.29	1.52	27.6	26.8	20.0	16.1	15.0
2C1CA	12-17	8.3	15.0	76.7	16	0.39	1.40	1.42	21.3	22.2	11.2	10.1	9.7
3C2	17-24	3.7	5.5	90.8	13	0.17	1.46	1.49	13.9	15.0	5.5	5.3	5.3
3C3	24-44	3.7	3.6	92.7	5	0.06	1.69	1.71	5.3	5.4	3.9	3.8	3.4
4C4	44-50	8.8	36.9	54.3	2	0.47	0.93	0.98	56.5	49.8	30.1	22.3	19.6
5C5	50-59	5.7	47.0	47.3	7	0.13	1.30	--	32.5	31.1	21.9	21.5	21.3
6C6	59-65	7.8	4.7	87.5	1	0.05	1.60	--	9.2	8.8	6.5	5.9	5.8

**Section F**

**SOIL WATER**





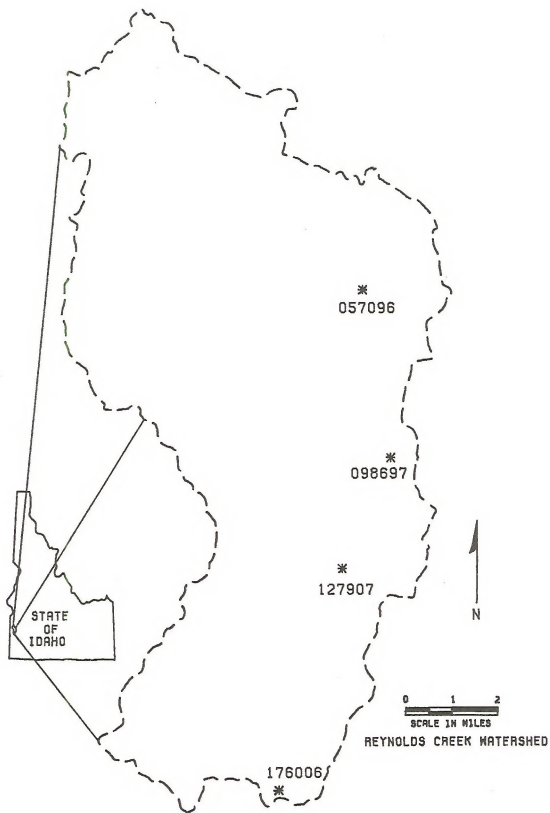


Figure F.1.--Soil water sites.



Table F.1.--Soil water content in inches of water at Reynolds, Idaho  
Site 057096.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					TOTAL
		0-9	9-18	18-30	30-42	42-54	
492	1 9 73	1.81	1.43	1.22	1.24	1.30	7.00
492	1 23 73	2.00	1.72	1.28	1.22	1.31	7.52
496	2 5 73	1.96	1.68	1.28	1.13	1.34	7.39
492	2 22 73	1.91	1.62	1.38	1.29	1.38	7.57
496	3 6 73	1.64	1.46	1.24	1.17	1.25	6.77
496	3 21 73	1.74	1.60	1.60	1.29	1.29	7.51
492	4 2 73	2.59	1.44	1.38	1.27	1.13	6.81
492	4 17 73	1.15	1.85	1.56	1.17	1.34	8.08
492	4 30 73	1.60	1.68	1.58	1.29	1.46	7.62
492	5 14 73	1.40	1.35	1.47	1.26	1.05	6.53
496	5 25 73	1.10	1.14	1.72	1.45	1.36	6.77
492	6 13 73	1.12	1.06	1.38	1.52	1.29	6.38
492	6 27 73	0.97	0.83	1.35	1.40	1.35	5.89
492	7 11 73	0.97	0.95	1.30	1.30	1.30	5.82
496	7 24 73	1.02	0.88	1.18	1.18	1.13	5.39
492	8 8 73	0.84	0.87	1.27	1.32	1.32	5.63
492	8 20 73	0.84	0.87	1.14	1.27	1.27	5.41
492	9 4 73	0.86	0.92	1.32	1.32	1.36	5.78
492	10 16 73	1.01	1.00	1.19	1.36	1.32	5.87
492	10 29 73	1.05	0.99	1.32	1.27	1.32	5.95
492	11 13 73	1.12	0.93	1.16	1.20	1.25	5.67
492	11 27 73	1.20	0.97	1.14	1.32	1.27	5.91
492	12 11 73	1.33	1.06	1.27	1.44	1.48	6.58
492	12 26 73	1.33	1.08	1.31	1.40	1.40	6.52
492	1 8 74	1.75	1.58	1.57	1.36	1.66	7.92
492	1 22 74	1.98	1.71	1.46	1.32	1.52	7.98
152	2 6 74	2.22	1.75	1.56	1.60	1.62	8.75
152	2 19 74	2.08	1.75	1.64	1.58	1.70	8.75
152	3 12 74	2.49	2.26	1.61	1.50	1.67	9.53
152	3 19 74	2.24	2.02	1.53	1.58	1.64	9.02
152	4 5 74	1.93	1.93	1.61	1.56	1.61	8.64
152	5 17 74	1.26	1.33	1.88	1.64	1.82	7.93
152	5 30 74	0.90	1.12	1.64	1.53	1.53	6.72
152	6 4 74	0.85	1.05	1.76	1.58	1.88	7.11
152	6 20 74	0.53	1.03	1.81	1.47	1.87	6.71
152	7 2 74	1.00	1.06	1.58	1.70	1.58	6.93
152	8 14 74	0.40	0.93	1.70	1.47	1.64	6.13
152	8 28 74	0.43	0.87	1.70	1.46	1.82	6.29
492	9 24 74	0.91	0.94	1.27	1.35	1.35	5.82
492	10 8 74	0.48	0.65	1.31	1.19	1.43	5.06
492	10 24 74	0.97	1.00	1.19	1.19	1.35	5.70
492	11 4 74	0.60	1.03	1.41	1.00	1.41	5.45
492	11 18 74	0.66	1.09	1.52	1.19	1.52	5.98
492	12 3 74	0.62	1.10	1.44	1.19	1.57	5.91
492	12 17 74	0.95	1.33	1.40	1.19	1.48	6.35
492	1 13 75	1.18	1.49	1.36	1.02	1.41	6.46
152	1 28 75	1.37	1.28	1.31	1.20	1.43	6.59
152	2 12 75	1.97	2.04	1.63	1.18	1.41	8.22
152	2 25 75	1.47	1.94	1.48	1.00	1.35	7.25
492	3 11 75	1.10	1.80	1.48	1.05	1.48	6.91
152	3 26 75	1.35	1.94	1.41	1.63	1.41	7.73
152	4 8 75	1.58	1.50	1.41	1.52	1.52	7.53
492	4 22 75	1.61	1.86	1.59	1.07	1.50	7.63
492	5 7 75	0.57	1.29	1.50	0.98	1.59	5.94
152	5 20 75	1.01	1.43	1.74	1.35	1.69	7.23
492	6 3 75	1.13	1.17	1.19	1.57	1.44	6.50
152	6 24 75	0.43	0.99	1.81	1.29	1.69	6.20
492	7 23 75	1.12	1.17	1.46	1.39	1.59	6.72
152	8 5 75	1.14	1.14	1.46	1.29	1.58	6.60
152	8 19 75	1.19	1.13	1.57	1.46	1.52	6.88
152	9 2 75	1.15	1.12	1.43	1.48	1.65	6.84
152	9 16 75	0.99	1.03	1.52	1.46	1.58	6.57
152	9 30 75	1.03	1.07	1.46	1.52	1.69	6.78
496	10 14 75	1.35	1.23	1.51	1.27	1.51	6.87
492	10 28 75	1.84	1.55	1.61	1.42	1.67	8.09
492	11 11 75	1.56	1.39	1.61	1.42	1.67	7.65
492	12 1 75	1.68	1.63	1.70	1.51	1.76	8.29
492	12 15 75	1.71	1.42	1.70	1.44	1.89	8.16

Table F.1.(cont.)--Soil water content in inches of water at Reynolds,  
Idaho Site 057096.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					TOTAL
		0-9	9-18	18-30	30-42	42-54	
492	1 12 76	1.49	1.35	1.57	1.37	1.70	7.48
492	2 2 76	2.07	1.80	1.63	1.30	1.63	8.44
492	2 17 76	2.12	1.73	1.59	1.40	1.66	8.49
492	3 2 76	2.22	1.85	1.63	1.37	1.70	8.77
492	3 17 76	2.22	1.84	1.58	1.52	1.58	8.74
492	3 31 76	1.97	1.78	1.72	1.46	1.59	8.53
492	4 14 76	1.67	1.64	1.59	1.66	1.59	8.15
492	4 28 76	1.45	1.49	1.76	1.37	1.76	7.84
492	5 10 76	1.35	1.30	1.57	1.44	1.50	7.15
492	5 24 76	0.99	1.11	1.70	1.30	1.76	6.87
492	6 1 76	1.12	1.17	1.62	1.59	1.66	7.17
492	6 14 76	1.09	1.07	1.39	1.67	1.47	6.69
492	6 28 76	1.08	1.08	1.46	1.44	1.62	6.67
492	7 12 76	0.93	1.03	1.44	1.44	1.57	6.40
492	7 26 76	0.92	1.01	1.50	1.47	1.63	6.52
492	8 9 76	1.14	1.10	1.45	1.42	1.62	6.73
492	8 23 76	1.17	1.27	1.31	1.51	1.78	7.04
492	9 7 76	1.05	1.08	1.44	1.46	1.70	6.72
492	9 20 76	1.46	1.25	1.54	1.44	1.65	7.34
492	10 4 76	1.31	1.24	1.53	1.42	1.56	7.06
492	10 18 76	1.20	1.11	1.44	1.40	1.53	6.68
496	11 1 76	1.09	1.06	1.32	1.38	1.55	6.41
492	11 15 76	1.11	1.10	1.42	1.52	1.66	6.80
492	11 29 76	1.14	1.15	1.44	1.57	1.63	6.94
492	12 14 76	1.22	1.13	1.30	1.50	1.50	6.66
492	12 27 76	1.18	1.16	1.40	1.40	1.53	6.67
492	1 11 77	1.15	1.10	1.44	1.44	1.38	6.50
492	1 24 77	1.28	1.26	1.60	1.47	1.47	7.09
492	2 23 77	1.34	1.25	1.47	1.66	1.65	7.38
492	3 2 77	1.43	1.29	1.56	1.56	1.69	7.53
492	3 22 77	1.30	1.28	1.63	1.50	1.63	7.33
492	4 4 77	1.10	1.15	1.44	1.38	1.56	6.63
492	4 19 77	1.23	1.25	1.56	1.50	1.56	7.11
492	5 3 77	1.32	1.27	1.60	1.47	1.73	7.39
492	5 24 77	1.56	1.43	1.64	1.52	1.64	7.78
492	6 15 77	1.39	1.39	1.47	1.28	1.73	7.27
492	6 23 77	1.07	1.25	1.55	1.34	1.76	6.99
492	7 28 77	0.69	1.06	1.73	1.41	1.78	6.67
492	8 1 77	0.65	1.02	1.67	1.35	1.82	6.51
492	8 15 77	0.51	0.94	1.57	1.32	1.79	6.23
492	9 2 77	0.74	1.06	1.67	1.32	1.79	6.58
492	9 16 77	0.61	1.00	1.69	1.37	1.79	6.47
492	9 30 77	0.79	0.99	1.56	1.25	1.68	6.27
492	10 14 77	0.96	1.02	1.55	1.40	1.75	6.67
492	10 28 77	0.65	0.98	1.66	1.39	1.83	6.51
492	11 11 77	0.74	1.02	1.64	1.35	1.86	6.62
492	11 25 77	2.05	1.69	1.65	1.35	1.70	8.45
496	12 6 77	1.81	1.68	1.65	1.33	1.77	8.23
492	12 27 77	2.20	1.97	1.62	1.36	1.74	8.89
492	1 10 78	2.41	2.19	1.62	1.30	1.72	9.23
492	2 3 78	2.16	2.07	1.71	1.38	1.68	9.01
492	2 7 78	2.14	1.94	1.72	1.43	1.60	8.81
492	2 28 78	2.20	1.94	1.81	1.51	1.59	8.85
492	3 14 78	2.24	1.95	1.75	1.43	1.58	8.94
492	3 28 78	1.94	1.89	2.04	1.55	1.65	9.07
492	5 1 78	2.20	2.10	2.17	1.59	1.64	9.79
492	5 10 78	1.67	1.96	2.56	1.78	1.80	9.78
492	5 24 78	1.51	1.54	2.09	1.82	1.63	8.59
492	6 7 78	1.36	1.35	1.95	1.95	1.67	8.28
492	6 20 78	1.21	1.21	1.86	1.81	1.60	7.70
492	7 5 78	1.29	1.21	1.77	1.69	1.62	7.58
492	7 19 78	1.18	1.20	1.74	1.74	1.66	7.51
492	8 1 78	1.07	1.14	1.66	1.61	1.66	7.14
492	8 16 78	1.02	1.11	1.62	1.49	1.69	6.94
492	8 29 78	0.99	1.03	1.50	1.45	1.60	6.57
492	9 12 78	1.09	1.14	1.62	1.40	1.65	6.91
492	9 28 78	0.85	1.10	1.56	1.39	1.68	6.59
492	10 19 78	0.76	1.05	1.88	1.36	1.80	6.65
492	10 31 78	0.66	1.02	1.86	1.37	1.81	6.51
492	11 14 78	0.85	1.04	1.59	1.35	1.64	6.46
492	11 29 78	1.04	1.16	1.82	1.45	1.77	7.03
492	12 12 78	1.65	1.46	1.71	1.34	1.61	7.77
492	12 27 78	1.59	1.41	1.71	1.39	1.81	7.91

Table F.1.(cont.)--Soil water content in inches of water at Reynolds,  
Idaho Site 057096.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					TOTAL
		0-9	9-18	18-30	30-42	42-54	
492	2 6 79	1.78	1.45	1.62	1.40	1.74	8.00
492	3 6 79	1.80	1.58	1.64	1.40	1.76	8.19
607	3 21 79	1.75	1.49	1.73	1.56	1.83	8.35
607	4 3 79	1.63	1.46	1.73	1.56	1.86	8.23
607	4 17 79	1.49	1.49	1.76	1.49	1.83	8.06
607	5 4 79	1.39	1.46	1.78	1.48	1.88	7.99
607	5 15 79	1.32	1.38	1.78	1.48	1.85	7.80
607	5 30 79	1.04	1.25	1.84	1.60	1.87	7.60
607	6 20 79	0.94	1.17	1.71	1.54	1.92	7.28
607	7 3 79	0.86	1.17	1.80	1.46	1.90	7.20
606	7 17 79	0.82	1.14	1.76	1.55	1.91	7.18
606	7 31 79	0.80	1.16	1.75	1.57	1.86	7.14
607	8 14 79	1.49	1.38	1.76	1.49	1.86	7.97
607	8 29 79	1.17	1.30	1.81	1.54	1.92	7.74
607	9 10 79	1.16	1.29	1.74	1.50	1.92	7.62
606	9 25 79	1.02	1.19	1.77	1.45	1.84	7.27
606	10 9 79	0.95	1.17	1.75	1.43	1.82	7.12
606	10 23 79	1.17	1.29	1.73	1.49	1.84	7.53
607	11 7 79	1.16	1.27	1.67	1.47	1.84	7.41
606	11 20 79	1.17	1.30	1.76	1.47	1.86	7.56
607	11 26 79	1.25	1.30	1.66	1.43	1.80	7.43
607	12 10 79	1.18	1.25	1.65	1.39	1.82	7.29
606	12 26 79	1.31	1.27	1.73	1.50	1.85	7.66
492	1 8 80	1.44	1.35	1.77	1.53	1.90	7.98
606	1 22 80	2.15	1.84	1.78	1.54	1.88	9.19
606	2 7 80	2.39	2.23	1.87	1.52	1.94	9.95
607	2 19 80	2.17	2.16	1.76	1.50	1.89	9.50
607	2 25 80	2.38	2.08	1.74	1.45	1.91	9.55
492	3 24 80	1.84	1.89	1.81	1.44	1.88	8.86
492	4 4 80	1.76	1.76	1.80	1.49	1.88	8.68
606	4 21 80	1.46	1.55	1.82	1.58	1.92	8.34
492	5 8 80	1.32	1.44	1.75	1.50	1.94	7.95
607	6 2 80	1.75	1.59	1.79	1.49	1.85	8.47
607	6 16 80	1.48	1.49	1.74	1.48	1.81	8.01
607	6 30 80	1.25	1.38	1.79	1.49	1.88	7.79
607	7 16 80	1.13	1.30	1.79	1.49	1.88	7.59
607	7 29 80	1.05	1.26	1.72	1.52	1.85	7.40
607	8 12 80	0.97	1.21	1.77	1.47	1.87	7.31
607	8 27 80	0.97	1.19	1.73	1.53	1.83	7.25
607	9 9 80	1.01	1.20	1.75	1.55	1.85	7.37
607	9 23 80	1.45	1.38	1.75	1.49	1.92	7.98
607	10 6 80	1.27	1.32	1.73	1.47	1.76	7.56
607	10 21 80	1.21	1.29	1.73	1.50	1.76	7.49
607	11 6 80	1.20	1.30	1.73	1.50	1.86	7.59
607	11 17 80	1.18	1.28	1.75	1.46	1.82	7.50
607	12 9 80	1.60	1.40	1.64	1.39	1.73	7.76
607	12 23 80	1.97	1.61	1.77	1.48	1.81	8.65
607	1 5 81	2.14	1.96	1.69	1.46	1.82	9.07
607	1 21 81	2.02	1.90	1.68	1.45	1.84	8.89
607	1 26 81	2.01	1.87	1.72	1.43	1.78	8.82
607	2 10 81	2.06	1.87	1.72	1.46	1.88	9.00
607	2 25 81	2.08	1.90	1.73	1.47	1.76	8.94
607	3 11 81	1.80	1.78	1.74	1.45	1.84	8.62
607	3 24 81	2.13	1.89	1.71	1.43	1.81	9.02
607	4 8 81	1.70	1.70	1.74	1.48	1.77	8.39
607	4 22 81	2.43	2.24	1.70	1.51	1.80	9.68
606	5 6 81	1.81	1.93	1.86	1.50	1.79	8.89
607	5 19 81	1.72	1.85	1.93	1.50	1.87	8.87
607	6 2 81	1.57	1.71	1.95	1.56	1.89	8.68
607	6 17 81	1.55	1.63	1.99	1.56	1.95	8.68
607	7 1 81	1.39	1.56	1.97	1.57	1.93	8.41
607	7 14 81	1.26	1.54	2.06	1.53	1.90	8.30
607	7 30 81	1.08	1.37	1.98	1.58	1.88	7.89
607	8 11 81	1.03	1.37	1.91	1.58	1.98	7.87
607	8 25 81	0.96	1.29	1.91	1.55	1.94	7.66
607	9 9 81	0.90	1.20	1.84	1.55	1.90	7.39
607	9 28 81	0.89	1.17	1.85	1.56	1.91	7.38
607	10 6 81	0.89	1.18	1.83	1.51	1.92	7.32
607	10 21 81	1.12	1.25	1.79	1.50	1.88	7.53
607	11 4 81	1.12	1.25	1.82	1.47	1.91	7.56
607	11 18 81	1.44	1.39	1.82	1.56	1.91	8.12
607	11 25 81	2.02	1.65	1.75	1.50	1.88	8.80
607	12 11 81	1.99	1.70	1.86	1.56	1.96	9.07
607	12 23 81	2.41	2.36	1.85	1.56	1.91	10.08

Table F.1.(cont.)--Soil water content in inches of water at Reynolds,  
Idaho Site 057096.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
607	1 22 82	2.61	2.40	2.03	1.60	1.97	10.61
607	1 28 82	2.78	2.57	2.13	1.58	1.93	10.99
607	2 11 82	2.59	2.40	2.11	1.53	1.95	10.57
607	2 23 82	2.62	2.56	2.70	1.54	1.86	11.27
607	3 10 82	2.36	2.38	2.71	1.62	1.99	11.06
607	3 24 82	2.32	2.28	2.59	1.62	1.91	10.72
607	4 8 82	2.03	2.10	2.51	1.66	1.92	10.22
607	4 21 82	1.90	2.04	2.56	1.69	1.91	10.10
607	4 28 82	1.78	1.98	2.55	1.74	1.90	9.95
607	5 12 82	1.71	1.77	2.46	1.82	1.95	9.70
607	5 26 82	1.48	1.65	2.37	1.76	1.92	9.19
607	6 3 82	1.38	1.59	2.39	1.87	1.97	9.20
607	6 15 82	1.26	1.47	2.26	1.87	1.93	8.79
607	6 29 82	1.57	1.56	2.20	1.91	1.88	9.13
606	7 15 82	1.34	1.48	2.18	1.90	1.94	8.83
606	8 4 82	1.11	1.38	2.11	1.84	1.95	8.39
606	8 10 82	1.08	1.40	2.12	1.81	1.93	8.34
606	8 25 82	1.02	1.35	2.10	1.82	2.02	8.31
606	9 9 82	1.01	1.35	2.11	1.83	1.95	8.25
606	9 22 82	1.03	1.30	2.03	1.80	1.99	8.16
606	10 6 82	1.13	1.37	2.06	1.79	1.98	8.33
606	10 19 82	1.09	1.35	2.10	1.79	1.98	8.31
606	11 17 82	1.60	1.56	2.08	1.85	2.04	9.13
606	12 10 82	1.92	1.68	2.04	1.77	1.93	9.34

Table F.2.--Soil water content in inches of water at Reynolds, Idaho  
Site 098697.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					TOTAL
		0-9	9-18	18-30	30-42	42-54	
492	1 8 73	2.48	2.41	1.30	0.36	1.18	7.73
492	1 22 73	2.60	2.55	1.55	0.33	1.16	8.18
496	2 5 73	2.43	2.32	1.05	0.29	1.11	7.20
496	3 6 73	2.40	2.46	1.67	0.25	1.02	7.81
496	3 20 73	2.21	2.23	1.38	0.53	1.20	7.54
492	4 3 73	2.44	2.41	0.99	0.46	1.37	7.67
492	4 16 73	2.75	2.67	1.85	0.60	1.23	9.10
492	4 30 73	2.52	2.41	1.75	0.49	1.42	8.58
492	5 14 73	2.21	2.26	1.66	0.67	1.27	8.08
492	5 25 73	1.85	1.93	1.20	0.48	1.30	6.76
492	6 6 73	1.54	1.62	0.90	0.43	1.32	5.81
492	6 19 73	1.35	1.47	1.71	0.36	1.18	6.07
492	7 6 73	1.29	1.30	0.84	0.45	0.89	4.77
496	7 17 73	1.20	1.31	0.78	0.31	1.24	4.85
492	7 31 73	1.31	1.39	1.56	0.69	1.21	5.16
492	8 14 73	1.20	1.36	0.97	0.45	1.27	5.26
492	8 28 73	1.26	1.36	0.58	0.45	1.27	4.94
496	9 25 73	1.64	1.64	0.60	0.42	1.13	5.43
492	10 10 73	1.38	1.41	1.00	0.42	1.41	5.63
492	10 25 73	2.31	1.71	2.01	0.32	1.14	7.49
496	11 7 73	1.26	1.33	0.86	0.30	1.18	4.93
492	11 23 73	1.60	1.54	1.32	0.67	1.14	6.27
492	12 6 73	2.15	1.87	1.10	0.45	1.32	6.89
492	12 19 73	2.33	2.10	1.77	0.36	1.04	7.60
492	1 17 74	2.92	2.67	2.11	0.51	1.19	9.38
152	2 14 74	2.95	2.97	2.03	0.61	1.44	10.00
152	3 1 74	2.97	2.93	2.11	0.61	1.33	9.97
152	3 14 74	3.33	3.33	3.24	0.78	1.41	12.11
152	3 28 74	3.04	3.06	3.10	0.71	1.53	11.44
152	4 24 74	2.71	2.84	2.96	0.84	1.58	10.93
152	5 8 74	2.39	2.70	2.91	0.79	1.55	10.34
152	6 4 74	1.19	1.63	3.05	0.82	1.17	7.86
152	6 20 74	1.07	1.51	2.82	0.63	1.25	7.28
152	7 2 74	1.41	1.90	3.09	0.61	1.44	8.44
496	7 16 74	1.54	1.88	2.35	0.74	1.77	8.28
152	7 30 74	1.23	1.41	2.70	0.71	1.53	7.57
152	8 14 74	1.04	1.42	2.21	0.61	1.50	6.77
152	8 28 74	1.19	1.38	2.21	0.71	1.71	7.19
492	9 12 74	1.17	1.37	2.20	0.38	1.35	6.48
492	9 24 74	1.13	1.35	2.20	0.42	1.35	6.46
492	10 8 74	1.19	1.41	2.12	0.51	1.44	6.67
492	10 25 74	1.32	1.41	2.12	0.51	1.35	6.71
492	11 6 74	1.35	1.63	2.16	0.42	1.35	6.92
492	11 18 74	1.45	1.61	2.16	0.37	1.27	6.86
492	12 2 74	1.16	1.47	2.09	0.49	1.33	6.54
492	12 17 74	1.45	1.62	2.19	0.47	1.29	7.02
492	12 31 74	1.71	1.78	2.16	0.37	1.27	7.29
492	1 14 75	2.01	1.87	2.24	0.30	1.22	7.64
152	1 27 75	2.69	2.82	2.36	0.87	1.44	10.18
152	2 12 75	3.03	2.99	2.81	0.59	1.39	10.81
492	2 25 75	2.51	2.79	3.56	0.30	1.22	10.38
492	3 11 75	1.99	2.66	3.51	0.41	1.20	9.77
492	4 9 75	1.81	2.49	3.68	0.30	1.16	9.44
492	4 23 75	1.78	2.50	3.73	0.47	1.22	9.71
492	5 8 75	2.63	2.76	2.73	0.33	1.20	9.65
152	5 21 75	2.12	2.62	3.24	0.66	1.35	9.98
492	6 5 75	2.50	2.64	3.04	0.70	1.42	10.29
152	6 24 75	2.18	2.64	2.73	0.66	1.35	9.55
496	7 8 75	2.00	2.02	2.58	0.65	1.34	8.59
492	7 23 75	2.08	2.18	2.00	0.51	1.48	8.25
492	7 29 75	1.73	1.90	2.06	0.57	1.42	7.68
152	8 5 75	1.43	1.60	1.50	0.53	1.44	6.50
152	8 19 75	1.46	1.58	1.63	0.62	1.35	6.64
152	9 2 75	1.63	1.68	1.69	0.60	1.58	7.18
152	9 16 75	1.41	1.65	1.61	0.56	1.66	6.89
152	9 30 75	1.35	1.54	1.49	0.56	1.43	6.37
496	10 14 75	2.36	2.17	1.79	0.44	1.30	8.07
492	10 28 75	2.82	2.85	2.06	0.70	1.42	9.85
492	11 11 75	2.59	2.64	1.87	0.44	1.35	8.90
492	12 16 75	2.99	2.96	1.95	0.55	1.57	10.03
492	12 30 75	2.92	2.95	2.26	0.70	1.42	10.24

Table F.2.(cont.)--Soil water content in inches of water at Reynolds,  
Idaho Site 098697.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					TOTAL
		0-9	9-18	18-30	30-42	42-54	
492	1 13 76	2.97	2.82	1.57	0.69	1.50	9.55
492	2 3 76	2.91	2.86	1.75	0.66	1.49	9.67
492	2 18 76	3.11	3.06	2.24	0.56	1.46	10.43
492	3 2 76	3.24	3.20	2.38	0.66	1.36	10.85
492	3 17 76	3.26	3.23	2.41	0.66	1.55	11.11
492	3 31 76	2.93	2.98	2.40	0.68	1.61	10.59
492	4 13 76	2.70	2.89	2.50	0.62	1.40	10.11
492	4 28 76	2.59	2.85	2.69	0.69	1.53	10.35
492	5 12 76	2.13	2.35	2.56	0.62	1.53	9.19
492	5 25 76	1.63	1.85	2.42	0.65	1.37	7.92
492	6 8 76	1.69	1.84	2.09	0.78	1.30	7.71
492	6 22 76	1.64	1.76	1.98	0.75	1.53	7.67
152	7 7 76	1.55	1.73	1.43	0.62	1.43	6.76
492	7 21 76	1.24	1.46	1.70	0.58	1.30	6.28
492	8 3 76	1.92	1.92	1.92	0.56	1.40	7.72
152	8 17 76	1.66	1.74	1.86	0.77	1.58	7.61
492	8 31 76	1.34	1.56	1.83	0.65	1.37	6.74
492	9 14 76	1.74	1.69	1.89	0.52	1.44	7.28
492	10 13 76	1.62	1.72	1.96	0.58	1.44	7.31
492	10 27 76	1.45	1.59	1.89	0.65	1.44	7.02
492	11 10 76	1.38	1.52	2.00	0.66	1.36	6.93
492	11 23 76	1.51	1.58	1.96	0.65	1.44	7.13
492	11 30 76	1.49	1.64	1.89	0.65	1.50	7.18
492	12 15 76	1.47	1.67	1.89	0.58	1.50	7.12
492	12 28 76	1.51	1.66	1.92	0.56	1.53	7.17
492	1 11 77	1.50	1.59	1.88	0.69	1.44	7.10
492	1 25 77	1.49	1.65	1.94	0.56	1.63	7.27
496	2 9 77	1.39	1.59	1.73	0.69	1.61	7.01
492	2 22 77	1.49	1.75	2.06	0.69	1.75	7.74
492	3 3 77	1.74	1.93	1.96	0.79	1.71	8.13
492	3 22 77	1.50	1.59	1.69	0.63	1.54	6.95
492	4 4 77	1.43	1.57	1.81	0.56	1.44	6.82
492	4 18 77	1.50	1.69	1.75	0.63	1.44	7.00
492	5 2 77	1.82	1.91	2.79	0.71	1.54	7.77
492	5 18 77	2.46	2.41	1.96	0.91	1.59	9.33
492	6 1 77	2.05	2.05	1.85	0.84	1.60	8.40
492	6 15 77	2.57	2.44	1.68	0.64	1.55	8.87
492	6 29 77	2.32	2.27	1.72	0.69	1.69	8.68
496	7 12 77	1.88	1.92	1.66	0.70	1.61	7.77
492	7 26 77	1.57	1.85	1.69	0.59	1.54	7.24
492	8 10 77	1.50	1.65	1.73	0.58	1.54	7.00
492	8 23 77	1.40	1.58	1.62	0.54	1.50	6.64
492	9 7 77	1.43	1.60	1.55	0.58	1.55	6.71
492	9 21 77	1.43	1.57	1.54	0.58	1.54	6.66
492	10 4 77	1.40	1.56	1.54	0.59	1.54	6.64
492	10 18 77	1.39	1.57	1.52	0.56	1.52	6.56
492	11 2 77	1.47	1.59	1.48	0.59	1.48	6.62
492	11 15 77	1.42	1.58	1.37	0.60	1.54	6.51
492	12 27 77	2.98	2.84	1.61	0.59	1.52	9.54
492	1 10 78	2.97	2.88	1.61	0.52	1.47	9.44
492	2 3 78	2.97	2.92	1.63	0.56	1.51	9.59
492	2 7 78	3.00	2.92	1.73	0.58	1.49	9.72
492	2 28 78	3.15	3.03	1.91	0.66	1.61	10.37
492	3 14 78	3.14	3.07	2.74	0.70	1.54	11.19
492	3 28 78	2.89	2.90	2.68	0.74	1.54	10.75
492	4 25 78	2.76	2.82	2.64	0.90	1.52	10.65
492	5 10 78	2.89	2.92	2.84	1.05	1.56	11.25
492	5 24 78	2.44	2.57	2.49	1.01	1.61	10.11
492	6 8 78	1.81	2.05	2.23	0.89	1.72	8.69
492	6 20 78	1.81	1.97	1.90	0.84	1.77	8.29
492	7 5 78	2.18	2.24	1.73	0.74	1.73	8.63
492	7 18 78	1.74	1.86	1.60	0.65	1.75	7.60
492	8 1 78	1.53	1.71	1.56	0.65	1.68	7.13
492	8 16 78	1.51	1.68	1.51	0.61	1.66	6.96
492	8 29 78	1.46	1.63	1.44	0.63	1.68	6.85
492	9 12 78	1.46	1.62	1.90	0.54	1.66	7.18
492	9 28 78	1.40	1.64	1.85	0.65	1.66	7.20
492	10 19 78	1.46	1.62	1.84	0.64	1.71	7.26
492	10 31 78	1.29	1.52	1.82	0.56	1.63	6.82
492	11 14 78	1.39	1.52	1.51	0.56	1.63	6.82
492	11 29 78	1.45	1.57	1.54	0.56	1.54	6.66
492	12 12 78	1.98	1.77	1.81	0.57	1.49	7.61
492	12 27 78	1.83	1.71	1.77	0.58	1.51	7.40



Table F.2.(cont.)--Soil water content in inches of water at Reynolds,  
Idaho Site 098697.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
492	2 6 79	1.93	1.73	1.86	0.56	1.60	7.69
492	3 6 79	2.56	2.20	1.93	0.62	1.51	8.82
607	3 20 79	2.32	2.12	2.04	0.67	1.41	8.56
607	4 3 79	2.29	2.16	2.14	0.64	1.44	8.65
607	4 17 79	2.11	2.07	2.14	0.71	1.41	8.42
607	5 4 79	1.87	1.94	2.12	0.70	1.44	8.07
607	5 15 79	1.80	1.88	2.08	0.70	1.44	7.91
607	5 31 79	1.58	1.72	2.12	0.70	1.48	7.60
607	6 20 79	1.49	1.64	2.08	0.66	1.48	7.35
607	7 5 79	1.48	1.62	2.03	0.66	1.42	7.20
606	7 17 79	1.40	1.58	2.08	0.65	1.46	7.16
606	7 31 79	1.35	1.60	2.12	0.65	1.34	7.06
607	8 14 79	2.32	2.22	2.03	0.69	1.46	8.72
607	8 29 79	1.95	1.97	2.12	0.73	1.51	8.29
607	9 11 79	1.55	1.69	2.05	0.70	1.39	7.37
606	9 26 79	1.47	1.63	2.06	0.59	1.40	7.15
606	10 10 79	1.42	1.57	2.10	0.63	1.40	7.12
606	10 23 79	1.75	1.75	2.09	0.67	1.38	7.65
607	11 7 79	1.62	1.67	2.02	0.60	1.41	7.32
607	11 19 79	1.61	1.72	2.14	0.67	1.44	7.57
607	11 26 79	1.59	1.65	2.00	0.59	1.39	7.23
607	12 10 79	1.58	1.63	2.01	0.61	1.37	7.20
606	12 26 79	1.61	1.68	2.07	0.62	1.38	7.37
492	1 8 80	1.82	1.80	2.46	0.67	1.33	8.08
606	1 22 80	2.80	2.89	2.74	0.71	1.29	10.43
606	2 7 80	3.08	2.90	2.67	0.76	1.31	10.71
607	2 25 80	3.01	3.03	2.61	0.70	1.26	10.61
492	3 24 80	2.46	2.65	2.59	0.56	1.34	9.60
492	4 7 80	2.41	2.65	2.57	0.61	1.42	9.65
606	4 21 80	2.10	2.42	2.62	0.71	1.41	9.26
492	5 5 80	2.17	2.38	2.44	0.59	1.46	9.04
607	6 2 80	2.28	2.18	2.58	0.73	1.32	9.09
607	6 16 80	1.99	2.04	2.58	0.67	1.32	8.60
607	6 30 80	1.59	1.77	2.47	0.68	1.37	7.88
607	7 15 80	1.50	1.66	2.39	0.67	1.40	7.63
607	7 30 80	1.41	1.62	2.37	0.64	1.37	7.43
607	8 13 80	1.33	1.57	2.25	0.63	1.36	7.13
607	8 27 80	1.27	1.50	2.22	0.62	1.34	6.95
607	9 17 80	2.43	2.20	2.25	0.62	1.34	8.84
607	9 24 80	2.56	2.39	2.38	0.66	1.39	9.39
607	10 8 80	1.88	1.97	2.32	0.65	1.37	8.19
607	10 21 80	1.69	1.79	2.29	0.65	1.40	7.82
607	11 6 80	1.52	1.68	2.25	0.62	1.37	7.45
607	11 17 80	1.52	1.64	2.23	0.63	1.34	7.36
607	12 9 80	1.62	1.65	2.14	0.59	1.36	7.36
607	12 23 80	2.19	1.93	2.20	0.58	1.35	8.24
607	1 5 81	2.39	2.22	2.33	0.60	1.34	8.87
607	1 14 81	2.31	2.17	2.27	0.65	1.33	8.73
607	1 19 81	2.25	2.11	2.23	0.64	1.39	8.62
607	1 26 81	2.19	2.01	2.23	0.60	1.34	8.36
607	2 10 81	2.19	2.02	2.20	0.63	1.34	8.39
607	2 23 81	2.82	2.82	2.19	0.66	1.33	9.80
607	3 9 81	2.62	2.66	2.25	0.64	1.34	9.51
607	3 23 81	2.54	2.58	2.26	0.67	1.39	9.43
607	4 6 81	2.51	2.55	2.36	0.67	1.39	9.48
607	4 20 81	3.25	3.09	2.33	0.69	1.38	10.73
606	5 6 81	2.52	2.68	2.36	0.80	1.40	9.76
607	6 2 81	2.21	2.33	2.35	0.70	1.46	9.05
607	6 17 81	1.91	2.00	2.33	0.69	1.41	8.33
607	7 1 81	1.70	1.82	2.30	0.71	1.50	8.02
607	7 14 81	1.59	1.76	2.30	0.71	1.50	7.85
607	7 30 81	1.48	1.68	2.17	0.70	1.52	7.55
607	8 11 81	1.40	1.62	2.11	0.70	1.52	7.34
607	8 25 81	1.36	1.61	2.14	0.66	1.45	7.22
607	9 9 81	1.31	1.55	2.06	0.64	1.45	7.01
607	10 6 81	1.29	1.52	2.05	0.67	1.47	7.01
607	10 21 81	1.39	1.55	2.07	0.63	1.47	7.12
607	11 4 81	1.39	1.58	2.07	0.67	1.47	7.17
607	11 18 81	1.81	1.74	2.14	0.67	1.43	7.78
607	11 30 81	2.22	1.93	2.05	0.69	1.45	8.34
607	12 11 81	2.30	2.02	2.15	0.72	1.50	8.69
607	12 23 81	3.11	3.00	2.17	0.68	1.49	10.45

Table F.2.(cont.)--Soil water content in inches of water at Reynolds,  
Idaho Site 098697.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
607	1 20 82	2.89	2.87	2.23	0.71	1.42	10.11
607	1 28 82	3.28	3.25	2.73	0.70	1.44	11.40
607	2 10 82	3.27	3.10	2.76	0.75	1.46	11.33
607	2 24 82	3.39	3.39	3.01	0.69	1.44	11.92
607	3 10 82	3.27	3.25	3.18	0.87	1.49	12.05
607	3 24 82	3.18	3.22	3.18	0.78	1.49	11.84
607	4 8 82	3.15	3.15	3.23	0.78	1.50	11.81
607	4 21 82	3.09	3.16	3.24	0.78	1.49	11.76
607	4 28 82	2.98	3.06	3.24	0.79	1.54	11.61
607	5 12 82	2.69	2.83	3.21	0.84	1.49	11.06
607	5 26 82	2.32	2.54	3.05	0.80	1.47	10.19
607	6 3 82	2.08	2.35	2.95	0.82	1.61	9.80
607	6 15 82	1.94	2.15	2.81	0.84	1.55	9.28
607	6 29 82	2.63	2.55	2.53	0.78	1.49	9.98
606	7 14 82	2.14	2.11	2.59	0.84	1.51	9.18
606	8 4 82	1.63	1.80	2.38	0.74	1.44	8.00
606	8 10 82	1.61	1.76	2.36	0.71	1.45	7.88
606	8 25 82	1.57	1.73	2.26	0.75	1.54	7.84
606	9 9 82	1.48	1.69	2.23	0.76	1.47	7.63
606	9 22 82	1.48	1.68	2.26	0.72	1.45	7.61
606	10 6 82	1.51	1.69	2.18	0.73	1.47	7.59
606	10 19 82	1.55	1.68	2.29	0.73	1.47	7.73
606	11 17 82	1.70	1.75	2.32	0.78	1.49	8.05
606	12 10 82	2.74	2.57	2.36	0.75	1.45	9.87

Table F.3.--Soil water content in inches of water at Reynolds, Idaho  
Site 127907.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)						TOTAL
		0-9	9-18	18-30	30-42	42-54	54-66	
492	1 26 73	2.58	2.77	3.02	2.89	2.20	2.69	16.15
492	2 9 73	2.51	2.47	2.78	2.17	2.57	2.45	14.96
492	2 22 73	2.65	2.78	3.26	2.90	2.32	2.90	16.81
492	3 6 73	2.78	2.87	3.66	3.00	2.47	2.82	17.59
492	3 22 73	2.70	2.77	3.56	3.04	2.40	2.70	17.18
492	4 6 73	2.41	2.64	3.34	2.85	2.23	2.64	16.11
492	4 16 73	2.60	2.60	3.47	3.18	2.23	2.64	16.72
492	4 20 73	2.72	2.79	3.60	3.14	2.40	2.77	17.40
496	4 24 73	2.50	2.63	3.33	2.90	2.38	2.55	16.29
492	4 26 73	2.71	2.81	3.67	3.23	2.53	2.92	17.88
492	4 30 73	2.70	2.74	3.56	3.13	2.40	2.83	17.36
492	6 6 73	1.65	2.06	3.04	3.00	2.68	2.75	15.19
492	6 19 73	1.46	1.76	3.04	2.95	2.34	2.84	14.39
492	7 31 73	1.17	1.47	2.38	2.78	2.56	2.78	13.13
492	8 14 73	1.17	1.55	2.03	2.40	2.40	2.74	12.29
492	8 28 73	1.30	1.59	2.48	2.83	2.57	3.09	13.85
492	9 11 73	1.13	1.44	2.58	2.58	2.35	3.03	13.11
492	10 10 73	1.23	1.44	2.64	2.23	2.31	2.64	12.50
492	10 25 73	1.41	1.67	2.70	2.40	2.31	2.83	13.31
496	11 15 73	1.98	1.70	2.37	2.29	2.08	2.58	12.99
492	11 30 73	2.61	2.63	2.75	2.67	2.63	2.75	16.04
152	12 27 73	2.82	2.93	2.83	3.05	3.00	2.94	17.57
152	1 24 74	3.16	3.07	3.86	3.69	2.99	3.16	19.94
152	2 7 74	2.99	3.16	3.94	3.82	3.21	3.10	20.22
152	2 21 74	2.94	3.09	4.10	3.66	2.87	3.21	19.87
152	3 22 74	3.16	3.25	4.27	3.99	3.20	3.20	21.06
152	4 3 74	3.18	3.22	4.10	3.88	3.15	3.26	20.81
152	4 10 74	2.96	3.15	4.05	3.99	3.15	3.10	20.40
152	4 17 74	2.90	3.08	3.99	3.87	3.07	3.36	20.27
152	4 24 74	2.74	2.96	4.04	3.86	3.09	3.39	20.08
496	5 1 74	2.15	2.64	4.44	3.97	3.38	3.73	20.31
152	5 8 74	2.45	2.81	3.98	3.86	3.09	3.39	19.58
152	5 15 74	2.38	2.81	4.04	3.87	3.17	3.46	19.75
152	5 22 74	2.09	2.22	3.40	3.40	3.16	3.28	17.54
152	5 29 74	2.02	2.37	3.75	3.75	3.28	3.40	18.57
152	6 27 74	0.96	1.59	3.56	3.14	3.26	3.56	16.07
496	7 10 74	1.39	1.77	3.08	3.38	2.84	3.25	15.71
152	7 17 74	0.97	1.41	3.22	2.99	2.99	3.16	14.74
152	7 23 74	0.80	1.35	3.05	2.75	2.93	3.22	14.11
152	8 7 74	0.99	1.47	3.10	3.16	3.05	3.40	15.18
492	8 20 74	0.39	0.86	2.68	2.77	3.12	2.86	12.68
492	10 1 74	0.60	1.12	2.82	2.35	2.52	2.95	12.36
152	10 16 74	1.06	1.54	3.18	2.99	3.05	3.42	15.25
492	10 30 74	1.25	1.60	2.81	2.33	2.57	2.73	13.29
492	11 12 74	1.42	1.77	2.67	2.42	2.67	2.84	13.80
492	12 2 74	1.32	1.65	2.90	2.37	2.57	2.73	13.54
492	12 16 74	1.96	2.10	2.93	2.36	2.64	2.81	14.80
492	12 30 74	2.08	2.31	3.31	2.40	2.51	2.63	15.24
492	1 14 75	2.52	2.55	3.42	2.64	2.78	2.90	16.81
152	2 11 75	3.12	2.95	3.72	3.16	2.83	3.16	18.94
492	2 24 75	2.92	2.99	3.68	2.74	2.74	2.83	17.89
492	3 10 75	2.12	2.63	4.19	3.08	2.57	2.83	17.42
152	4 7 75	3.10	3.14	3.24	2.81	3.03	2.92	18.24
492	4 21 75	1.91	3.57	4.12	3.08	2.81	2.81	17.31
152	4 28 75	2.82	3.02	4.16	3.35	2.92	3.08	19.35
492	5 6 75	1.97	2.54	3.95	2.90	2.73	2.86	16.95
492	5 14 75	2.47	2.86	4.36	3.45	3.17	3.42	19.73
152	5 19 75	2.31	2.74	4.05	3.37	3.14	3.20	18.80
152	5 27 75	2.00	2.52	3.99	3.47	3.01	3.24	18.24
152	6 2 75	1.67	2.27	4.05	3.37	3.03	3.25	17.63
492	7 3 75	1.52	1.91	3.37	3.37	3.37	3.50	17.05
492	7 15 75	1.42	1.71	3.12	3.25	2.86	3.25	15.60
152	8 12 75	1.59	1.89	3.07	3.13	2.90	3.24	15.82
492	9 8 75	1.41	1.83	3.10	3.10	2.91	3.36	15.71
152	9 24 75	1.73	1.97	2.90	3.30	2.96	3.19	16.04
496	10 10 75	1.96	1.99	2.90	2.78	2.66	2.84	15.14
152	10 21 75	2.06	2.16	2.96	3.19	2.90	3.19	16.44
152	11 4 75	2.73	2.79	3.14	3.03	2.74	3.25	17.68
492	12 2 75	2.68	2.70	3.42	3.10	3.04	3.23	18.18
492	12 16 75	2.82	2.93	3.24	3.30	2.98	3.11	18.38
492	12 30 75	2.70	2.86	3.36	3.17	2.98	3.24	18.31

Table F.3.(cont.)--Soil water content in inches of water at Reynolds, Idaho  
Site 127907.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)						TOTAL
		0-9	9-18	18-30	30-42	42-54	54-66	
492	1 20 76	2.90	2.99	3.93	3.66	3.14	3.01	19.63
492	2 3 76	3.06	3.01	3.85	3.21	2.89	3.34	19.36
492	2 18 76	3.20	3.13	3.73	3.27	2.81	3.27	19.42
492	3 17 76	3.34	3.17	3.92	3.21	2.76	3.21	19.60
492	3 31 76	3.09	3.19	4.12	3.53	2.88	3.14	19.96
492	4 13 76	2.98	3.05	4.05	3.60	2.89	3.21	19.76
152	4 27 76	2.89	3.02	3.88	3.66	2.98	3.21	19.63
492	5 11 76	2.65	2.94	3.98	3.60	2.95	3.21	19.33
492	5 28 76	1.94	2.48	3.80	3.47	2.94	3.27	17.89
492	6 8 76	1.72	2.11	3.66	3.53	3.01	3.07	17.11
492	6 22 76	1.80	2.14	3.47	3.34	2.89	3.27	16.90
152	7 7 76	1.71	2.10	3.23	3.41	3.00	3.12	16.56
492	7 20 76	1.51	1.88	3.01	3.34	3.01	3.21	15.94
492	8 3 76	1.42	1.72	2.81	2.94	2.75	3.14	14.78
152	8 17 76	1.74	2.00	3.07	3.19	2.96	3.19	16.14
492	8 31 76	1.49	1.74	3.01	3.01	2.88	3.01	15.14
492	9 14 76	1.57	1.77	3.01	3.01	2.88	3.01	15.24
152	9 28 76	1.98	2.20	3.07	3.24	2.84	3.07	16.40
492	10 13 76	1.70	2.07	3.14	3.07	2.75	3.14	15.88
492	10 27 76	1.45	1.79	3.01	2.75	2.62	3.14	14.75
492	11 10 76	1.57	1.96	3.27	3.14	2.75	3.27	15.96
492	11 23 76	1.68	2.00	3.14	3.14	2.94	3.14	16.04
492	11 30 76	1.73	2.02	2.95	3.27	3.01	3.08	16.06
492	12 15 76	1.63	2.02	3.08	3.21	3.01	3.01	15.97
492	12 28 76	1.50	1.91	3.08	3.14	2.95	3.08	15.66
492	1 11 77	1.58	1.91	3.13	3.06	2.82	3.25	15.75
492	1 25 77	1.68	1.91	3.13	3.00	2.82	3.25	15.78
492	2 9 77	1.56	1.86	3.06	3.06	2.69	3.06	15.29
492	2 22 77	1.62	1.94	3.06	3.06	2.81	3.44	15.93
492	3 3 77	1.60	1.94	3.06	3.06	2.80	3.44	15.89
152	3 7 77	1.67	2.00	3.09	3.04	2.82	3.42	16.03
492	3 21 77	1.77	1.93	3.12	3.00	2.81	3.31	15.94
492	4 4 77	1.59	1.87	3.06	3.06	2.94	2.94	15.46
492	4 18 77	1.63	1.98	3.06	3.00	2.75	3.12	15.54
492	5 2 77	1.52	1.85	3.06	3.06	2.75	3.19	15.49
492	5 16 77	2.28	2.21	3.02	2.91	2.73	3.02	16.17
492	6 1 77	1.89	2.01	3.06	3.13	2.82	3.13	16.04
492	6 15 77	2.21	2.23	3.06	2.93	2.74	3.06	16.22
492	6 29 77	1.75	2.06	3.19	3.16	2.77	3.22	16.15
496	7 12 77	1.85	2.14	3.11	3.26	2.95	3.15	16.46
492	7 26 77	1.42	1.81	2.99	2.97	2.70	3.19	15.08
492	8 10 77	1.34	1.76	3.05	2.93	2.66	3.18	14.92
492	8 23 77	1.31	1.74	2.95	2.86	2.68	3.25	14.79
492	9 7 77	1.50	1.90	2.97	2.92	2.65	3.17	15.10
492	9 21 77	1.44	1.82	3.00	2.81	2.63	3.20	14.91
492	10 4 77	1.47	1.81	2.95	2.85	2.64	3.07	14.80
492	10 18 77	1.48	1.84	2.97	2.87	2.65	3.19	15.00
492	12 27 77	2.67	2.78	3.21	2.71	2.66	3.14	17.16
492	1 10 78	2.76	2.84	3.20	2.76	2.63	3.08	17.26
492	1 26 78	2.86	2.96	3.31	2.85	2.63	3.12	17.73
492	2 7 78	3.14	3.14	3.92	3.46	2.68	3.05	19.38
492	2 28 78	2.98	3.08	4.16	3.45	2.64	3.04	19.35
492	3 14 78	2.93	2.99	4.15	3.69	2.96	3.30	20.02
492	3 28 78	2.78	2.96	4.09	3.92	3.05	3.52	20.33
492	4 25 78	2.73	2.86	4.01	3.71	2.96	3.42	19.69
492	5 10 78	2.75	2.93	4.00	3.71	3.04	3.49	19.91
492	6 8 78	1.98	2.49	3.94	3.69	3.05	3.47	18.62
492	6 20 78	1.80	2.28	3.74	3.62	2.95	3.50	17.89
492	7 5 78	1.72	2.11	3.57	3.49	2.89	3.37	17.15
492	7 18 78	1.58	2.00	3.45	3.52	2.91	3.35	16.80
492	8 1 78	1.45	1.84	3.13	3.32	2.84	3.35	15.93
492	8 16 78	1.47	1.80	3.08	3.23	2.91	3.30	15.79
492	8 29 78	1.39	1.67	3.10	3.25	2.88	3.40	15.69
492	9 12 78	1.69	1.95	3.03	3.11	2.86	3.25	15.90
492	9 29 78	1.46	1.84	3.10	3.10	2.84	3.32	15.68
492	10 19 78	1.38	1.79	3.11	3.24	2.84	3.29	15.65
492	10 31 78	1.35	1.77	3.13	3.10	2.81	3.30	15.47
492	11 14 78	1.46	1.79	3.04	3.08	2.75	3.23	15.35
492	11 29 78	1.57	1.84	3.06	3.03	2.81	3.25	15.57
492	12 12 78	2.38	2.28	3.15	3.01	2.77	3.15	16.75
492	12 27 78	2.35	2.25	3.18	3.05	2.76	3.25	16.84

Table F.3.(cont.)--Soil water content in inches of water at Reynolds, Idaho  
Site 127907.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					TOTAL
		0-9	9-18	18-30	30-42	42-54	54-66
492	1 10 79	2.38	2.24	3.11	2.96	2.69	3.20
492	1 23 79	2.49	2.20	2.99	2.99	2.63	3.07
492	3 6 79	3.30	3.12	3.72	3.47	2.83	3.23
607	3 20 79	2.94	3.07	3.47	3.00	2.60	3.13
607	4 3 79	2.71	2.81	3.46	2.90	2.51	3.00
607	4 17 79	2.68	2.85	3.43	2.87	2.60	3.06
607	5 4 79	2.53	2.75	3.50	2.93	2.60	3.10
607	5 15 79	2.62	2.76	3.50	2.97	2.60	3.13
607	5 31 79	2.08	2.44	3.43	3.07	2.63	3.10
607	6 20 79	1.70	1.98	3.20	2.90	2.59	3.17
607	7 5 79	1.63	1.92	3.07	2.82	2.60	3.14
606	7 16 79	1.49	1.85	3.00	2.68	2.57	3.19
606	7 31 79	1.40	1.80	3.04	2.78	2.71	3.22
607	8 14 79	1.92	2.03	2.93	2.66	2.60	3.13
607	8 27 79	1.83	2.02	3.07	2.73	2.69	3.31
607	9 11 79	1.58	1.86	2.87	2.61	2.54	3.13
606	9 26 79	1.52	1.84	2.94	2.63	2.56	3.12
606	10 10 79	1.48	1.80	2.91	2.63	2.52	3.15
606	10 23 79	1.89	2.06	2.97	2.69	2.55	3.15
607	11 7 79	1.82	1.98	2.94	2.63	2.57	3.18
607	11 26 79	1.98	2.00	2.94	2.60	2.47	3.07
607	12 10 79	2.50	2.59	3.21	2.74	2.44	3.07
606	12 26 79	2.48	2.56	3.09	2.75	2.53	3.12
492	1 8 80	2.63	2.59	3.31	2.95	2.62	3.14
606	1 22 80	2.88	3.04	3.50	2.88	2.60	3.26
607	2 25 80	3.10	3.21	3.87	2.86	2.60	3.12
607	3 24 80	3.18	3.23	3.88	2.86	2.53	3.09
492	4 9 80	2.85	2.94	3.62	3.00	2.59	3.08
606	4 21 80	2.76	3.03	3.81	3.05	2.64	3.19
492	5 7 80	2.63	2.80	3.60	3.12	2.70	3.22
607	5 21 80	2.72	2.86	3.64	2.91	2.61	3.14
607	6 4 80	3.10	3.12	3.66	2.94	2.55	3.17
607	6 19 80	2.47	2.65	3.46	2.88	2.55	3.13
607	7 2 80	1.90	2.22	3.37	2.91	2.58	3.17
607	7 16 80	1.76	2.05	3.29	2.92	2.66	3.26
607	7 30 80	1.62	1.94	3.14	2.84	2.64	3.24
607	8 13 80	1.55	1.87	2.94	2.71	2.64	3.17
607	8 27 80	1.51	1.84	2.94	2.71	2.61	3.17
607	9 17 80	2.12	2.14	2.97	2.71	2.55	3.17
607	9 24 80	2.13	2.13	3.07	2.71	2.64	3.17
607	10 8 80	1.89	2.05	2.97	2.68	2.61	3.17
607	10 21 80	1.84	2.05	3.04	2.74	2.58	3.23
607	11 17 80	1.77	1.99	3.00	2.72	2.52	3.10
607	12 9 80	2.10	2.14	3.10	2.68	2.58	3.10
607	12 23 80	2.43	2.25	2.97	2.68	2.55	3.10
607	1 5 81	2.69	2.70	3.00	2.68	2.52	3.07
607	1 19 81	2.58	2.67	2.94	2.62	2.49	3.10
607	1 26 81	2.62	2.66	3.05	2.73	2.50	3.09
607	2 11 81	2.61	2.62	3.12	2.70	2.50	3.05
607	2 23 81	3.07	3.12	3.58	2.78	2.52	3.10
607	3 9 81	2.85	2.96	3.50	2.76	2.50	3.12
607	3 23 81	2.93	2.98	3.43	2.78	2.52	3.10
607	4 6 81	2.95	3.00	3.48	2.83	2.57	3.12
607	4 20 81	3.14	3.14	3.65	2.91	2.56	3.13
606	5 6 81	2.81	3.00	3.66	2.95	2.62	3.15
607	6 2 81	2.47	2.71	3.60	3.04	2.68	3.24
607	6 17 81	2.22	2.45	3.52	3.06	2.67	3.19
607	7 1 81	1.84	2.13	3.36	3.06	2.73	3.26
607	7 14 81	1.69	2.03	3.19	2.93	2.66	3.26
607	8 6 81	1.52	1.85	2.99	2.89	2.73	3.29
607	8 11 81	1.46	1.82	3.00	2.77	2.70	3.29
607	8 25 81	1.47	1.84	3.00	2.77	2.70	3.16
607	9 9 81	1.40	1.74	2.90	2.64	2.61	3.16
607	9 25 81	1.38	1.74	2.94	2.71	2.61	3.19
607	10 6 81	1.39	1.73	2.89	2.73	2.60	3.18
607	11 4 81	1.66	1.91	3.02	2.69	2.63	3.27
607	11 18 81	2.08	2.07	3.00	2.78	2.62	3.26
607	11 25 81	2.82	2.62	2.94	2.78	2.59	3.13
607	12 11 81	2.90	2.82	3.13	2.77	2.61	3.19
607	12 23 81	3.24	3.30	3.89	3.34	2.76	3.21

Table F.3.(cont.)--Soil water content in inches of water at Reynolds, Idaho  
Site 127907.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)						66-78	TOTAL
		0-9	9-18	18-30	30-42	42-54	54-66		
607	1 27 82	3.17	3.19	3.60	2.99	2.70	3.08		18.72
607	2 10 82	3.01	3.12	3.62	3.03	2.67	3.10		18.55
607	2 24 82	3.27	3.28	4.16	3.24	2.75	3.14	3.21	23.06
607	3 10 82	3.26	3.33	4.13	3.27	2.78	3.18	3.18	23.13
607	3 24 82	3.37	3.41	4.09	3.24	2.79	3.18		20.08
607	4 8 82	3.40	3.41	4.27	3.36	2.70	3.10		20.24
607	4 21 82	3.13	3.26	4.05	3.31	2.72	3.24		19.72
607	4 28 82	2.93	3.14	3.96	3.41	2.82	3.31		19.55
607	4 29 82	2.87	3.06	3.99	3.34	2.82	3.31		19.39
607	5 12 82	2.72	3.00	4.02	3.27	2.79	3.34		19.14
607	5 26 82	2.35	2.73	3.95	3.34	2.82	3.34	3.11	21.65
607	6 3 82	2.20	2.57	3.83	3.44	2.82	3.37		18.22
607	6 15 82	1.98	2.32	3.74	3.36	2.81	3.42		17.63
607	6 29 82	2.10	2.26	3.60	3.34	2.89	3.40		17.58
606	7 14 82	1.94	2.18	3.54	3.22	2.75	3.38	3.19	20.21
606	8 4 82	1.65	1.96	3.21	3.09	2.78	3.40	3.17	19.25
606	8 11 82	1.72	2.09	3.26	3.10	2.74	3.46	3.26	19.64
606	8 25 82	1.57	1.91	3.09	2.89	2.77	3.32	3.17	18.71
606	9 9 82	1.64	1.92	3.03	2.91	2.71	3.34	3.19	18.72
606	9 22 82	1.71	1.95	3.04	2.80	2.65	3.31	3.11	18.57
606	10 6 82	1.71	1.93	3.07	2.88	2.68	3.34	3.19	18.81
606	10 19 82	1.68	1.94	3.15	2.76	2.72	3.27	3.23	18.74
606	12 10 82	2.94	3.11	3.74	3.15	2.75	3.38	3.23	22.30

Table F.4.--Soil water content in inches of water at Reynolds, Idaho  
Site 176006.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)				
		0-9	9-18	18-30	30-42	42-54 TOTAL
492	1 16 73	3.07	2.97	5.38	5.89	5.94 23.25
492	1 29 73	2.79	2.70	5.08	5.45	5.52 21.55
492	3 26 73	2.86	2.86	5.11	5.53	5.51 21.87
492	4 9 73	2.92	2.94	5.39	5.56	5.59 22.41
492	4 23 73	3.11	3.24	5.70	5.82	5.86 23.73
492	5 9 73	2.76	3.14	5.66	5.72	5.69 22.97
492	5 22 73	2.29	2.64	5.46	5.60	5.68 21.68
492	6 5 73	2.02	2.34	5.11	5.48	5.52 20.46
492	6 19 73	1.95	2.27	5.37	5.57	5.51 20.69
492	7 3 73	1.03	1.45	4.89	5.32	5.54 18.23
492	7 31 73	0.68	1.10	2.87	4.99	5.42 15.06
492	8 14 73	0.71	1.00	3.56	5.29	5.38 15.95
492	8 28 73	0.83	1.09	3.86	5.07	5.64 16.49
492	9 11 73	0.56	0.85	3.44	4.91	5.74 15.51
492	10 10 73	1.54	1.36	3.26	4.43	5.36 15.94
492	10 25 73	1.83	2.41	3.04	4.64	5.51 17.43
492	11 7 73	1.65	2.06	3.09	4.51	5.34 16.64
152	12 11 73	2.99	3.12	4.95	6.00	6.12 23.19
152	12 18 73	3.12	3.17	5.42	6.00	6.24 23.95
152	1 23 74	3.16	3.25	5.97	6.20	6.20 24.77
152	1 28 74	2.95	3.03	5.82	6.16	6.16 24.12
152	2 11 74	2.97	3.10	5.93	6.05	6.16 24.21
152	2 25 74	3.27	3.31	6.28	6.39	6.39 25.64
152	3 11 74	3.10	3.23	6.20	6.20	6.38 25.11
152	3 25 74	3.29	3.38	6.28	6.28	6.28 25.49
152	4 9 74	3.51	3.67	6.55	6.49	6.39 26.61
496	5 8 74	3.73	3.94	6.52	6.64	6.64 27.48
496	5 21 74	3.33	3.55	6.38	6.38	6.38 26.00
496	6 11 74	3.04	3.38	6.59	6.59	6.78 26.37
152	6 27 74	1.19	1.85	5.81	6.34	6.40 21.60
496	7 10 74	1.71	1.92	6.15	6.40	6.52 22.69
152	7 23 74	0.90	1.31	4.16	5.78	6.12 18.26
152	8 7 74	1.03	1.26	4.27	5.89	6.12 18.58
492	8 20 74	0.00	0.00	1.66	4.20	5.32 11.19
492	10 1 74	0.32	0.70	2.88	4.61	5.50 14.00
496	10 10 74	1.04	1.18	3.65	4.83	5.63 16.32
492	10 30 74	1.60	2.21	2.62	4.31	5.28 16.02
492	11 12 74	1.72	2.25	2.85	4.33	5.15 16.30
492	11 25 74	1.90	2.32	3.47	4.44	5.26 17.39
492	12 9 74	2.05	2.27	3.68	4.60	5.35 17.95
492	12 23 74	2.52	2.61	4.52	5.26	5.50 20.42
492	1 16 75	3.26	3.41	5.34	5.61	5.52 23.14
152	2 3 75	2.99	2.99	4.34	5.83	6.12 22.27
492	3 3 75	2.72	2.77	4.85	5.80	5.89 22.03
492	4 8 75	2.86	2.99	5.11	5.97	6.23 23.17
496	4 29 75	3.02	3.31	5.31	5.39	5.86 22.89
152	5 12 75	3.35	3.56	5.90	6.13	6.24 25.19
152	5 28 75	3.38	3.64	6.17	6.17	6.29 25.66
152	6 10 75	2.50	2.83	5.87	5.98	5.98 23.15
492	6 17 75	3.02	3.16	6.45	6.20	6.45 25.27
152	7 1 75	2.13	2.59	5.90	6.13	6.24 23.00
492	7 15 75	1.86	2.14	5.94	6.07	6.32 22.34
152	7 29 75	1.68	1.82	5.45	6.02	6.02 20.99
152	8 12 75	1.29	1.41	4.67	5.90	5.90 19.18
152	8 26 75	1.69	1.60	4.44	5.74	6.07 19.54
152	9 9 75	1.43	1.52	3.99	5.68	5.90 18.53
152	9 24 75	1.39	1.52	4.45	5.92	6.04 19.33
152	10 21 75	2.55	2.57	4.49	5.43	5.92 20.96
152	11 18 75	3.17	3.28	6.09	6.31	6.25 25.09
152	11 25 75	3.06	3.18	6.13	6.24	6.35 24.97
152	12 9 75	3.31	3.44	6.13	6.24	6.24 25.36
152	12 22 75	3.14	3.26	5.98	5.98	6.09 24.45



Table F.4.(cont.)--Soil water content in inches of water at Reynolds,  
Idaho Site 176006.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
152	1 6 76	3.20	3.37	5.94	6.05	6.05	24.62
152	1 19 76	3.12	3.21	6.13	6.02	6.02	24.49
152	2 3 76	3.12	3.21	5.90	6.24	6.13	24.60
152	2 18 76	3.04	3.12	6.09	6.09	5.98	24.31
152	2 27 76	3.09	3.36	5.98	5.98	5.98	24.38
152	3 15 76	3.22	3.35	6.09	5.98	5.98	24.61
152	4 12 76	3.59	3.75	5.90	6.13	5.90	25.28
152	4 26 76	3.51	3.70	6.02	6.13	6.07	25.43
152	5 10 76	3.50	3.67	5.90	5.96	5.90	24.94
152	5 24 76	2.95	3.21	6.29	6.29	6.17	24.91
492	6 7 76	2.64	2.90	6.31	6.31	6.25	24.41
492	6 21 76	2.96	3.11	6.31	6.25	6.18	24.81
492	7 7 76	1.79	2.04	5.89	6.02	6.42	22.16
492	7 20 76	1.58	1.87	5.92	6.05	6.18	21.61
492	8 3 76	1.56	1.80	5.41	5.92	6.18	20.87
492	8 31 76	1.57	1.77	4.98	6.42	6.16	20.88
492	9 13 76	1.79	1.84	5.24	6.61	6.16	21.64
152	9 27 76	2.34	2.19	5.05	6.10	6.22	21.90
492	10 13 76	2.13	2.08	5.24	6.16	6.22	21.83
492	10 26 76	2.15	2.22	5.37	6.02	6.02	21.78
492	11 10 76	2.46	2.27	5.25	5.82	6.08	21.87
492	11 23 76	2.64	2.32	5.28	6.05	6.31	22.60
492	12 6 76	2.43	2.18	5.11	5.78	5.89	21.37
492	12 20 76	2.49	2.27	5.24	5.83	5.96	21.78
492	1 4 77	2.54	2.39	4.95	5.82	5.90	21.60
492	1 18 77	2.43	2.24	4.89	5.78	5.90	21.25
492	1 31 77	2.23	2.21	4.95	5.78	5.78	20.95
492	2 14 77	2.43	2.24	4.89	5.84	5.78	21.19
492	2 25 77	2.49	2.31	4.90	5.79	5.79	21.28
492	2 28 77	2.58	2.39	4.89	5.78	5.78	21.41
152	3 14 77	2.82	2.46	5.12	5.67	5.56	21.63
492	3 29 77	3.21	2.75	5.02	5.97	6.03	22.98
492	4 11 77	3.81	3.53	6.16	6.28	6.41	26.19
492	4 25 77	3.32	3.42	6.35	6.35	6.48	25.92
492	5 9 77	3.18	3.30	6.50	6.37	6.50	25.85
492	5 17 77	3.52	3.64	6.87	6.68	6.24	26.95
492	5 31 77	3.01	3.14	6.04	6.16	6.10	24.46
492	6 14 77	3.15	3.27	6.18	6.12	6.12	24.90
492	6 28 77	2.92	3.14	6.20	6.23	6.30	24.79
492	7 28 77	1.51	1.74	5.61	5.99	6.02	20.86
492	8 10 77	1.36	1.57	5.27	5.80	6.01	20.01
492	8 24 77	1.32	1.50	5.06	5.75	6.03	19.66
492	9 6 77	1.53	1.60	5.00	5.86	6.08	20.08
492	9 20 77	1.46	1.54	4.84	5.69	6.01	19.54
492	10 3 77	1.59	1.64	4.91	5.76	5.90	19.80
492	10 17 77	1.58	1.64	5.05	5.89	6.18	20.34
492	11 2 77	1.58	1.65	4.95	5.75	6.02	19.95
492	12 6 77	3.26	3.36	6.24	6.29	6.31	25.45
492	12 20 77	3.20	3.32	6.05	6.20	6.22	24.99
492	1 4 78	3.04	3.15	6.06	6.11	6.16	24.52
492	1 18 78	3.07	3.16	5.91	6.05	5.96	24.14
492	1 31 78	3.11	3.23	6.18	6.18	6.18	24.87
492	2 13 78	3.15	3.24	6.08	6.03	6.06	24.55
492	2 27 78	3.19	3.31	6.07	6.03	6.10	24.70
492	3 27 78	3.25	3.50	6.17	6.22	6.17	25.29
492	4 11 78	3.37	3.52	6.08	6.04	6.04	25.04
492	4 24 78	3.34	3.49	6.19	6.07	6.07	25.16
492	5 8 78	3.42	3.58	5.98	5.96	6.08	25.02
492	5 23 78	2.95	3.13	5.79	5.77	5.93	23.57
492	6 5 78	2.67	2.98	6.16	6.04	6.11	23.97
492	6 19 78	2.32	2.74	6.04	6.06	6.06	23.21
492	7 3 78	2.01	2.47	6.21	6.19	6.19	23.06
492	7 17 78	1.61	2.06	5.92	6.02	6.14	21.76
492	7 31 78	1.38	1.72	5.54	6.06	6.13	20.83
492	8 14 78	1.38	1.62	5.17	6.03	6.08	20.27
492	8 28 78	1.29	1.45	4.78	5.79	6.08	19.40
492	9 11 78	1.60	1.55	4.51	5.69	5.93	19.28
492	9 27 78	1.55	1.57	4.76	5.83	6.03	19.74
492	10 10 78	1.41	1.49	4.68	5.87	6.06	19.50
492	10 24 78	1.28	1.45	4.57	5.74	5.93	18.98
492	11 6 78	1.25	1.43	4.65	5.67	5.93	18.92
492	11 20 78	1.40	1.52	4.72	5.70	5.99	19.32
492	12 5 78	2.88	3.03	5.22	5.91	6.01	23.04
492	12 19 78	2.86	3.00	5.15	5.87	5.96	22.85



Table F.4.(cont.)--Soil water content in inches of water at Reynolds,  
Idaho Site 176006.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					TOTAL
		0-9	9-18	18-30	30-42	42-54	
492	1 3 79	3.00	3.08	5.51	5.92	5.99	23.49
492	1 17 79	2.91	2.79	5.03	5.82	6.05	22.61
492	1 30 79	2.96	2.80	5.26	5.84	6.04	22.90
492	2 27 79	2.93	2.79	5.21	5.89	6.09	22.91
492	3 13 79	3.31	3.32	6.07	6.24	6.21	25.14
607	4 10 79	3.57	3.81	6.56	6.63	6.63	27.19
607	4 24 79	3.20	3.26	6.15	6.12	6.29	25.03
607	5 21 79	3.02	3.15	6.18	6.08	6.15	24.58
607	6 7 79	2.47	2.85	6.25	6.11	6.28	23.96
607	6 21 79	2.38	2.50	6.18	6.08	6.18	23.32
607	7 5 79	1.42	1.73	5.87	5.76	6.00	20.78
606	7 16 79	1.21	1.50	5.58	6.09	6.35	20.72
606	7 30 79	1.05	1.35	4.69	6.02	6.20	19.32
607	8 15 79	2.31	1.88	4.63	6.12	6.45	21.39
607	8 27 79	2.42	2.41	4.43	5.84	6.21	21.32
607	9 11 79	2.00	2.20	4.51	6.06	6.45	21.24
606	9 26 79	1.46	1.75	4.20	5.68	5.96	19.04
606	10 10 79	1.26	1.52	4.17	5.71	5.92	18.58
606	10 23 79	2.71	2.50	4.14	5.56	5.98	20.89
607	11 7 79	2.44	2.90	4.48	5.79	6.06	21.67
492	11 20 79	2.72	2.83	4.59	5.48	5.83	21.46
607	12 4 79	2.97	2.97	4.44	5.52	5.78	21.68
607	12 18 79	3.02	3.07	4.62	5.74	6.12	22.57
492	1 3 80	3.05	3.17	4.54	6.00	6.04	22.80
492	1 15 80	3.34	3.60	5.82	6.12	6.34	25.22
492	1 29 80	3.33	3.68	5.93	6.04	6.30	25.27
607	2 26 80	3.21	3.22	6.40	6.54	6.67	26.04
607	3 4 80	3.20	3.24	6.31	6.40	6.54	25.69
492	3 18 80	3.15	3.20	6.06	6.26	6.31	24.97
492	4 1 80	3.30	3.52	6.11	6.13	6.26	25.31
492	4 16 80	3.30	3.46	5.96	6.06	6.16	24.95
492	4 30 80	3.18	3.41	5.98	6.03	6.03	24.63
492	5 14 80	3.25	3.39	6.13	6.08	6.16	25.00
607	6 4 80	3.39	3.50	6.54	6.37	6.41	26.21
607	6 19 80	3.03	3.19	6.47	6.40	6.47	25.56
607	7 1 80	2.16	2.62	6.37	6.31	6.40	23.86
607	7 16 80	1.51	1.84	6.24	6.44	6.40	22.43
607	7 29 80	1.19	1.44	5.15	6.24	6.40	20.42
607	8 12 80	1.13	1.38	4.57	6.07	6.34	19.49
607	8 26 80	1.09	1.32	4.29	5.88	6.17	18.75
607	9 9 80	1.07	1.31	4.19	5.88	6.17	18.63
607	9 23 80	2.68	2.66	4.18	5.69	6.08	21.29
607	10 7 80	2.23	2.38	4.26	5.81	6.21	20.89
607	10 20 80	2.36	2.37	4.18	5.75	6.11	20.77
607	11 4 80	2.36	2.37	4.24	5.73	6.05	20.74
607	11 17 80	2.57	2.52	4.16	5.67	5.99	20.90
607	12 8 80	2.75	2.78	4.18	5.71	6.09	21.51
606	12 23 80	2.91	2.82	4.38	5.85	6.26	22.21
607	1 6 81	3.09	3.09	4.86	5.66	6.24	22.94
607	1 20 81	3.38	3.33	5.06	5.78	6.37	23.91
607	1 27 81	3.34	3.27	4.95	5.66	6.31	23.54
607	2 9 81	3.38	3.23	4.95	5.73	6.24	23.54
607	2 24 81	3.50	3.43	6.31	6.63	6.60	26.66
607	3 10 81	3.46	3.36	6.47	6.57	6.96	26.81
607	3 31 81	3.35	3.33	6.34	6.25	6.73	26.00
607	4 7 81	3.34	3.33	6.34	6.28	6.88	26.18
607	4 21 81	3.82	3.88	6.60	6.37	7.10	27.77
606	5 12 81	3.17	3.30	6.46	6.39	6.53	25.85
607	5 26 81	3.41	3.50	6.64	6.44	6.71	26.70
607	6 1 81	3.20	3.28	6.67	6.50	6.67	26.32
607	6 16 81	3.20	3.30	6.48	6.42	6.55	25.95
607	6 30 81	2.00	2.47	6.47	6.31	6.77	24.02
607	7 13 81	1.49	1.80	6.02	6.38	6.64	22.32
607	7 27 81	1.23	1.45	5.15	6.31	6.67	20.82
607	8 10 81	1.09	1.32	4.58	6.02	6.41	19.43
607	8 24 81	1.06	1.29	4.24	5.98	6.44	19.02
607	9 8 81	1.06	1.28	4.20	5.86	6.42	18.83
607	9 25 81	1.08	1.31	4.13	5.87	6.33	18.72
607	10 5 81	1.13	1.32	4.14	5.85	6.33	18.77
607	10 20 81	2.32	1.92	4.10	5.84	6.42	20.60
606	11 3 81	2.58	2.23	4.15	5.73	6.28	20.97
607	11 17 81	3.14	3.28	5.54	6.37	6.50	24.82
607	12 14 81	3.22	3.34	6.55	6.71	6.81	26.64
607	12 22 81	3.61	3.71	6.78	6.52	6.84	27.47

Table F.4.(cont.)--Soil water content in inches of water at Reynolds,  
Idaho Site 176006.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
607	1 19 82	3.34	3.42	6.78	6.40	6.68	26.62
607	1 29 82	3.26	3.34	6.56	6.31	6.53	26.00
607	2 23 82	3.81	4.00	6.72	6.39	6.62	27.53
607	3 9 82	3.48	3.57	6.71	6.45	6.65	26.86
607	3 23 82	3.41	3.56	6.71	6.33	6.55	26.56
607	4 14 82	3.81	3.98	6.71	6.29	6.61	27.40
607	4 27 82	3.75	3.95	6.71	6.26	6.49	27.16
607	5 3 82	3.79	3.95	6.78	6.35	6.51	27.39
607	5 11 82	3.53	3.60	6.81	6.42	6.68	27.04
607	5 18 82	3.54	3.74	6.71	6.42	6.61	27.02
607	5 25 82	3.24	3.39	6.64	6.41	6.54	26.23
607	6 1 82	3.00	3.21	6.52	6.30	6.43	25.46
607	6 14 82	2.80	3.07	6.68	6.48	6.55	25.57
607	6 30 82	2.96	3.12	6.68	6.48	6.55	25.79
607	7 13 82	3.02	3.19	6.62	6.36	6.39	25.59
606	8 3 82	1.67	1.94	6.16	6.33	6.49	22.58
606	8 12 82	1.39	1.63	5.50	6.21	6.45	21.20
606	8 24 82	1.22	1.46	4.74	6.13	6.49	20.04
606	9 10 82	1.12	1.34	4.26	5.81	6.23	18.75
606	9 21 82	1.72	1.63	4.30	5.95	6.30	19.90
606	10 5 82	2.72	2.62	4.24	5.88	6.35	21.80
606	10 18 82	2.62	2.63	4.26	5.88	6.19	21.58
606	11 5 82	2.97	3.06	4.72	5.85	6.27	22.87
606	11 16 82	2.91	3.04	4.84	5.92	6.27	22.98
606	12 8 82	3.02	3.14	5.03	5.79	6.25	23.22

**Section G**

**HYDROLOGIC DATA INVENTORY**



Table G.1.--Reynolds Creek Watershed precipitation data inventory.

SITE NUMBER	ELEVATION IN FT ABOVE MSL	RECORD LENGTH
023X01	4880	1962 - 1982
053X93	4950	1968 - 1982
057X96	3885	1962 - 1982
076X59	3915	1962 - 1982
088X65	4410	1962 - 1982
095X10	4880	1962 - 1982
114X19	5885	1962 - 1982
116X91	4770	1962 - 1982
124X84	5920	1962 - 1982
126X97	5460	1962 - 1982
127X07	5410	1962 - 1982
144X62	5930	1962 - 1982
147X35	6140	1962 - 1982
155X07	5410	1962 - 1982
163X20	7100	1962 - 1982
167X07	6600	1962 - 1982
174X17	6760	1962 - 1982
176X07	6800	1962 - 1982
176X14	6880	1968 - 1982

FORMAT: Computerized daily totals available for all sites.

Table G.2.--Reynolds Creek Watershed runoff data inventory.

SITE NUMBER	SITE NAME	AREA IN ACRES	RECORD LENGTH*
036068	Reynolds Creek Outlet Weir	57,754	1964 - 1982
046017	Salmon Creek Weir	8,990	1965 - 1982
046084	Macks Creek Weir	7,846	1965 - 1982
116083	Tollgate Weir	13,453	1967 - 1982
117066	Lower Sheep Creek Weir	33	1968 - 1982
166076	Reynolds Mtn. East Basin	100	1964 - 1982

\* Water year

FORMAT: Computerized daily totals available in cubic feet per second and inches for all sites.

Table G.3.--Reynolds Creek Watershed suspended sediment data inventory.

SITE NUMBER	SITE NAME	AREA IN ACRES	RECORD LENGTH*
036068	Reynolds Creek Outlet Weir	57,754	1967 - 1982
046084	Macks Creek Weir	7,846	1968 - 1982
116083	Tollgate Weir	13,453	1967 - 1982
166076	Reynolds Mtn. East Basin	100	1969 - 1982

\* Water year

NOTE: Pre-1977 data is storm data only. No data collected during low concentration periods.

FORMAT: Daily totals and concentrations available for all sites.

Table G.4a.--Boise Front water quality data inventory.

SITE NO.	LOCATION NO.	SITE NAME	RECORD LENGTH*
54	322W54	Upper Maynard Gulch	1977 - 1981
57	328W57	Lower Maynard Gulch	1977 - 1981
12	336W12	Camp Creek	1977 - 1981
96	419W96	Highland Valley Weir	1977 - 1981

\* Water year

FORMAT: Computerized summaries of statistics available for all sites.

Table G.4b.--Reynolds Creek Watershed water quality data inventory.

SITE NO.	LOCATION NO.	SITE NAME	RECORD LENGTH*
1	000100	Reynolds at Snake	1974 - 1976
2	000200	Rattlesnake	1974 - 1976
13	024045	Upper Salmon	1975 - 1979
12	024069	Boston's Ditch	1975 - 1978
11	033005	Upper Farrot	1975 - 1978
24	034056	Lower Farrot	1976 - 1979
9	034087	Lower Murphy	1975 - 1979
3	036068	Reynolds Outlet	1973 - 1979
4	036088	Salmon Creek	1974 - 1979
10	043005	Upper Murphy	1975 - 1978
8	044085	Cottle Creek	1975 - 1979
6	046084	Macks Creek Weir	1974 - 1979
7	055036	Upper Macks	1975 - 1978
5	056047	Lower Reynolds	1973 - 1979
14	077071	Tyson Bridge	1973 - 1979
15	087072	Nettleton	1973 - 1979
16	106018	Gabica	1974 - 1979
17	116083	Tollgate	1973 - 1979
18	135008	Below Dobson	1974 - 1979
20	135017	Dobson	1973 - 1979
19	135018	Above Dobson	1974 - 1979
21	155019	Democrat	1973 - 1979
22	166074	Reynolds Mtn. Weir	1973 - 1979
23	176S12	Reynolds Mtn. Spring	1973 - 1979

\* Water year

FORMAT: Computerized summaries of statistics available for all sites.

Table G.5.--Reynolds Creek Watershed vegetation transect data inventory.

SITE NAME	TREATMENT	RECORD LENGTH
Flats	Ungrazed	1972 - 1980
	Grazed	1972 - 1980
Nancy Gulch	Mechanical removal	1972 - 1975
	Sprayed	1972 - 1975
	Ungrazed	1972 - 1980
	Grazed	1972 - 1980
Nettleton	Ungrazed	1972 - 1981
	Grazed	1972 - 1981
Lower Sheep Creek	Ungrazed	1972, 1974 - 1980
	Grazed	1972, 1974 - 1980
Whiskey Hill	Sprayed	1972 - 1976
	Ungrazed	1972 - 1980
	Grazed	1972 - 1980
Upper Sheep Creek (sparse)	Ungrazed	1972, 1974 - 1980
	Grazed	1972, 1974 - 1980
Upper Sheep Creek (dense)	Mechanical removal	1972 - 1975
	Sprayed	1972 - 1975
	Ungrazed	1972 - 1980
	Grazed	1972 - 1980
Reynolds Mountain (sparse)	Ungrazed	1972, 1974 - 1980
	Grazed	1972, 1974 - 1980
Reynolds Mountain (dense)	Mechanical removal	1972 - 1975
	Sprayed	1972 - 1975
	Ungrazed	1972 - 1980
	Grazed	1972 - 1980

FORMAT: Computerized summaries of overstory and basal hits by species and type of basal cover are available in table form for all sites.

Table G.6.--Reynolds Creek Watershed soil water data inventory.

TUBE NUMBERS	SITE NAME	RECORD LENGTH
057096	Flats	1973 - 1982
057896		1973 - 1982
057C96		1973 - 1982
098697	Nancys	1973 - 1982
098897		1973 - 1982
098F97		1973 - 1982
117079	Sheep Creek	1973 - 1982
117186		1973 - 1982
117287		1973 - 1982
127907		1973 - 1982
166093	Reynolds Mtn.	1973 - 1982
166184		1973 - 1982
176006		1973 - 1982

FORMAT: Computerized volume percentages and inches of water available for all sites.

Table G.7.--Reynolds Creek Watershed solar radiation data inventory.

SITE NUMBER	SITE NAME	RECORD LENGTH
076X59	Quonset	1975 - 1981
127X07	Sheep Creek	Summers 1974 - 1981

FORMAT: Computerized daily totals available for both sites.

Table G.8.--Reynolds Creek Watershed temperature, wind, and evaporation data inventory.

SITE NUMBER	RECORD LENGTH		
	HYGRO-THERMOGRAPH	WIND	EVAPORATION PAN
076X59	1964 - 1982	1966 - 1982	1974 - 1982
127X07	1967 - 1982	1966 - 1982	1977 - 1982
176X14	1967 - 1982	1968 - 1982*	1974 - 1982

\* Incomplete record

FORMAT: Hygro-thermograph: Computerized daily maximum-minimum temperatures available for all sites.

Wind: Raw data in the form of charts for all sites.

Evaporation Pan (Class-A type pan): Computerized daily totals (midnight - midnight) available for all sites.



**Section H**

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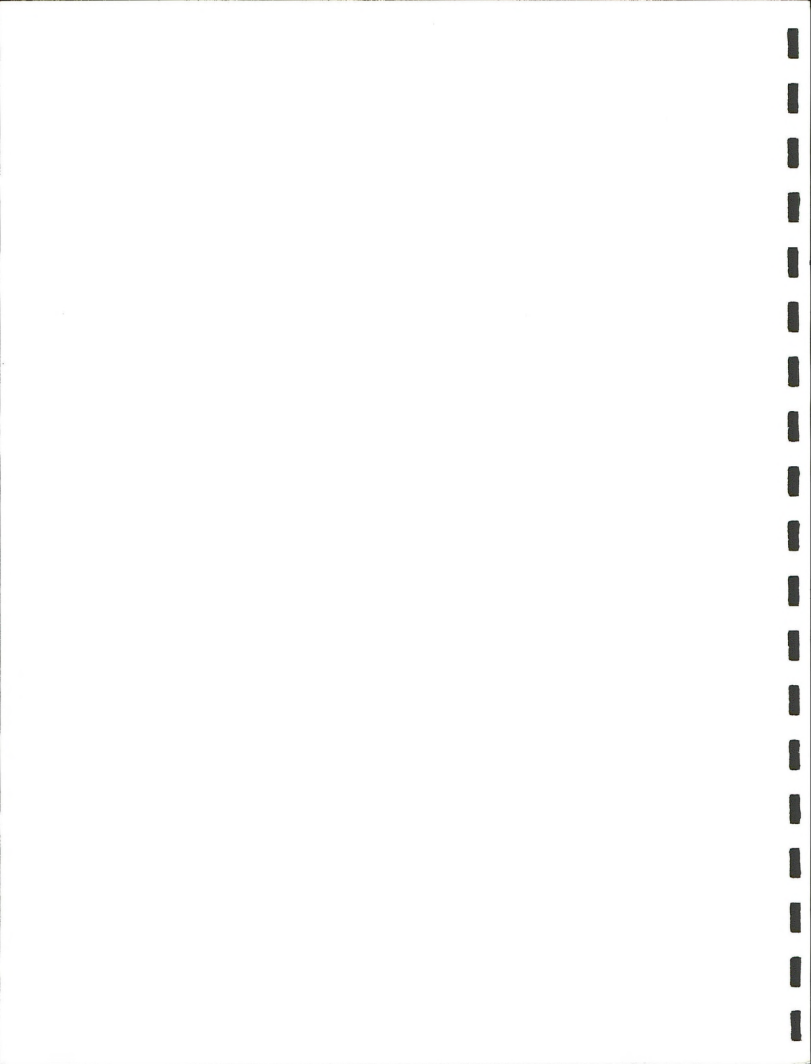


## CHAPTER 7 - RANGELAND MODELING

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